

FIG. 1

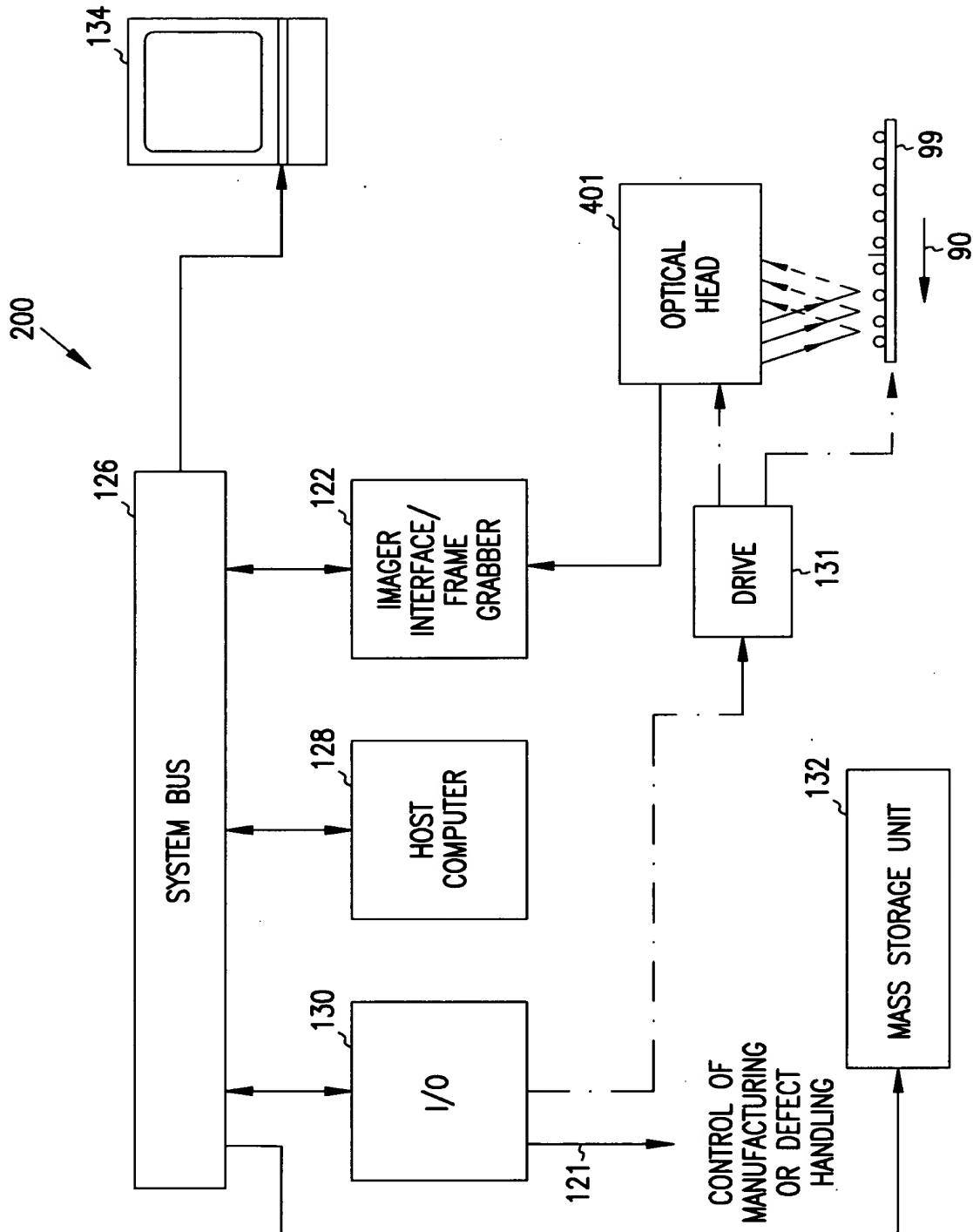


FIG. 2

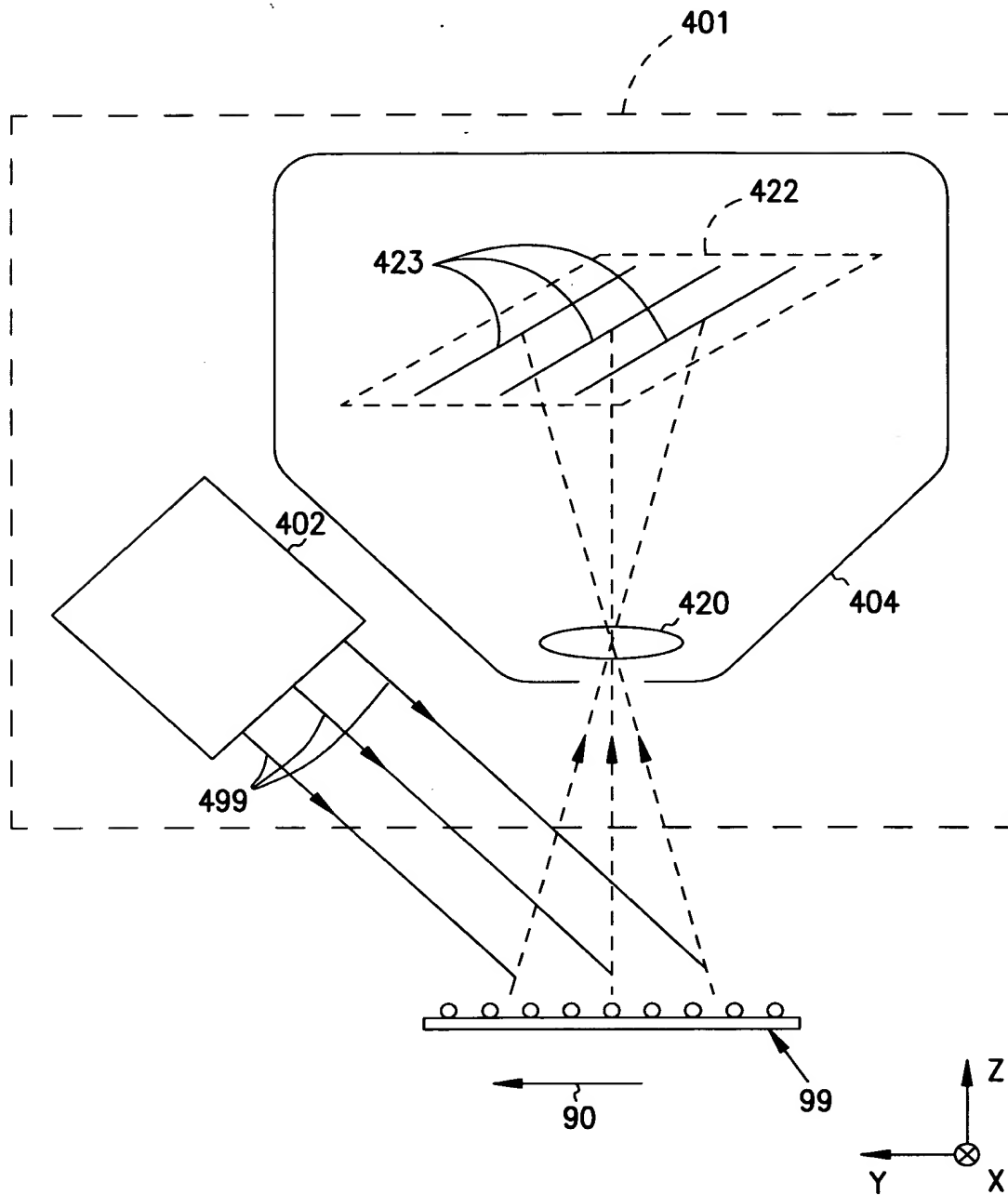
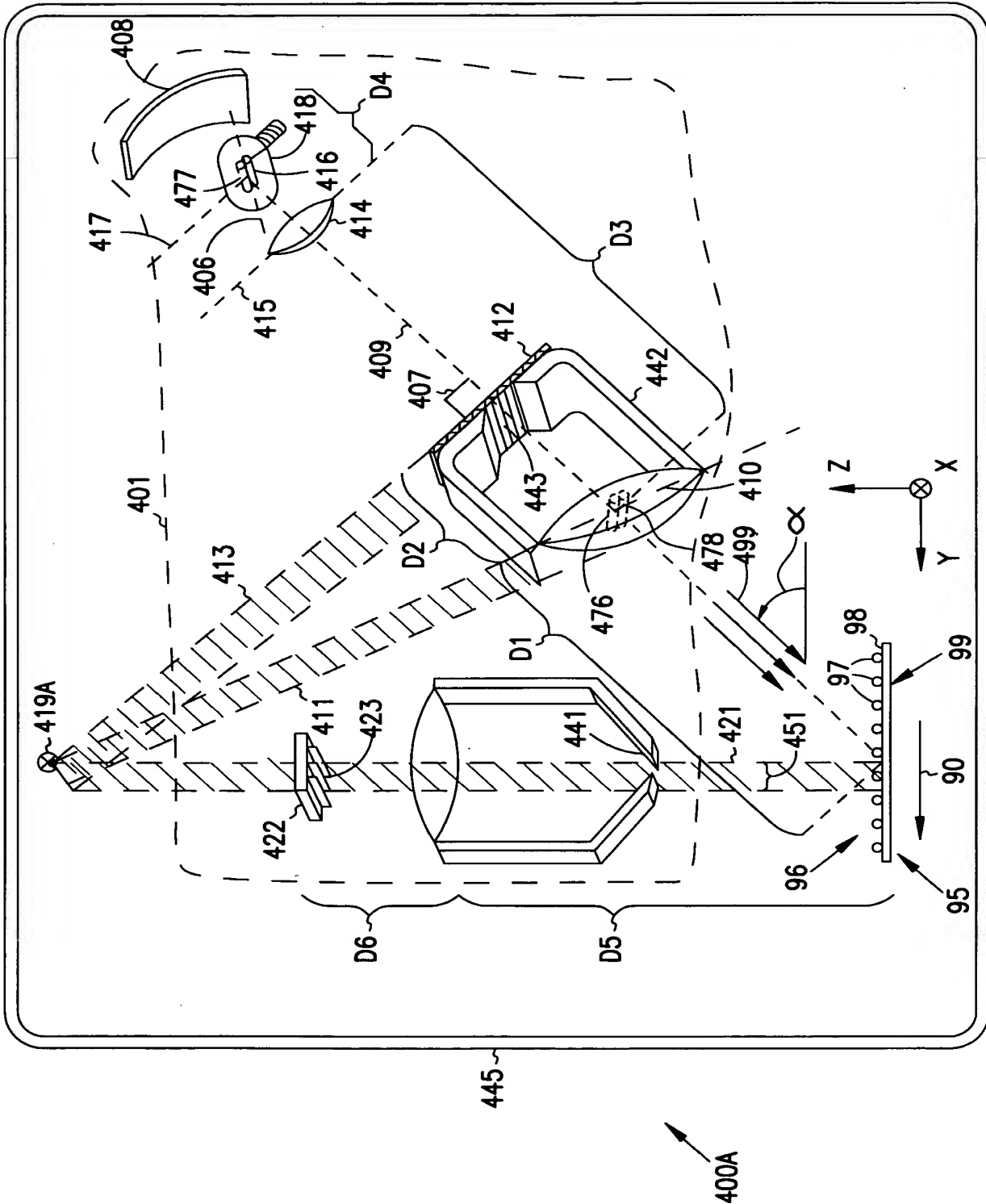


FIG. 3



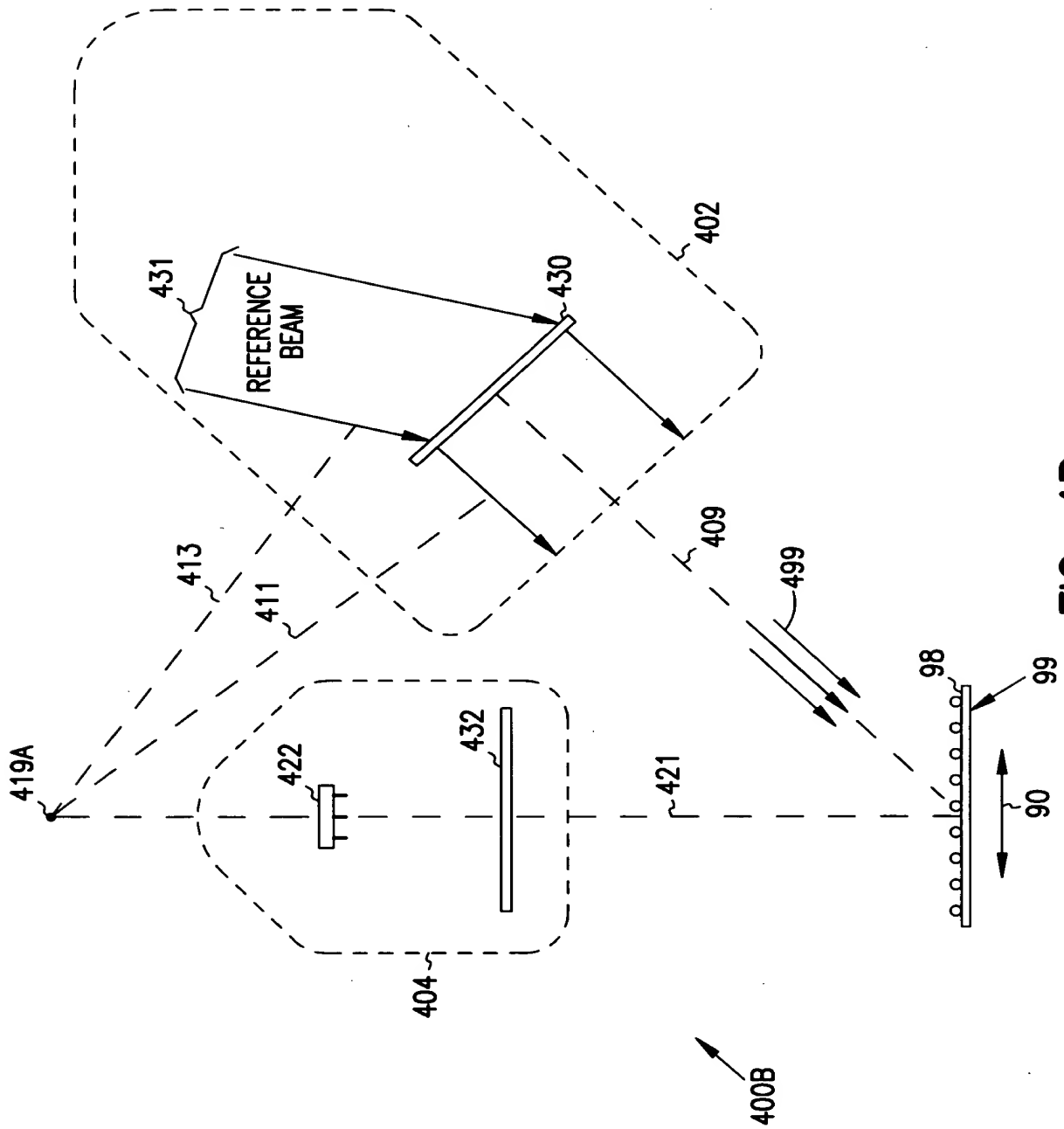
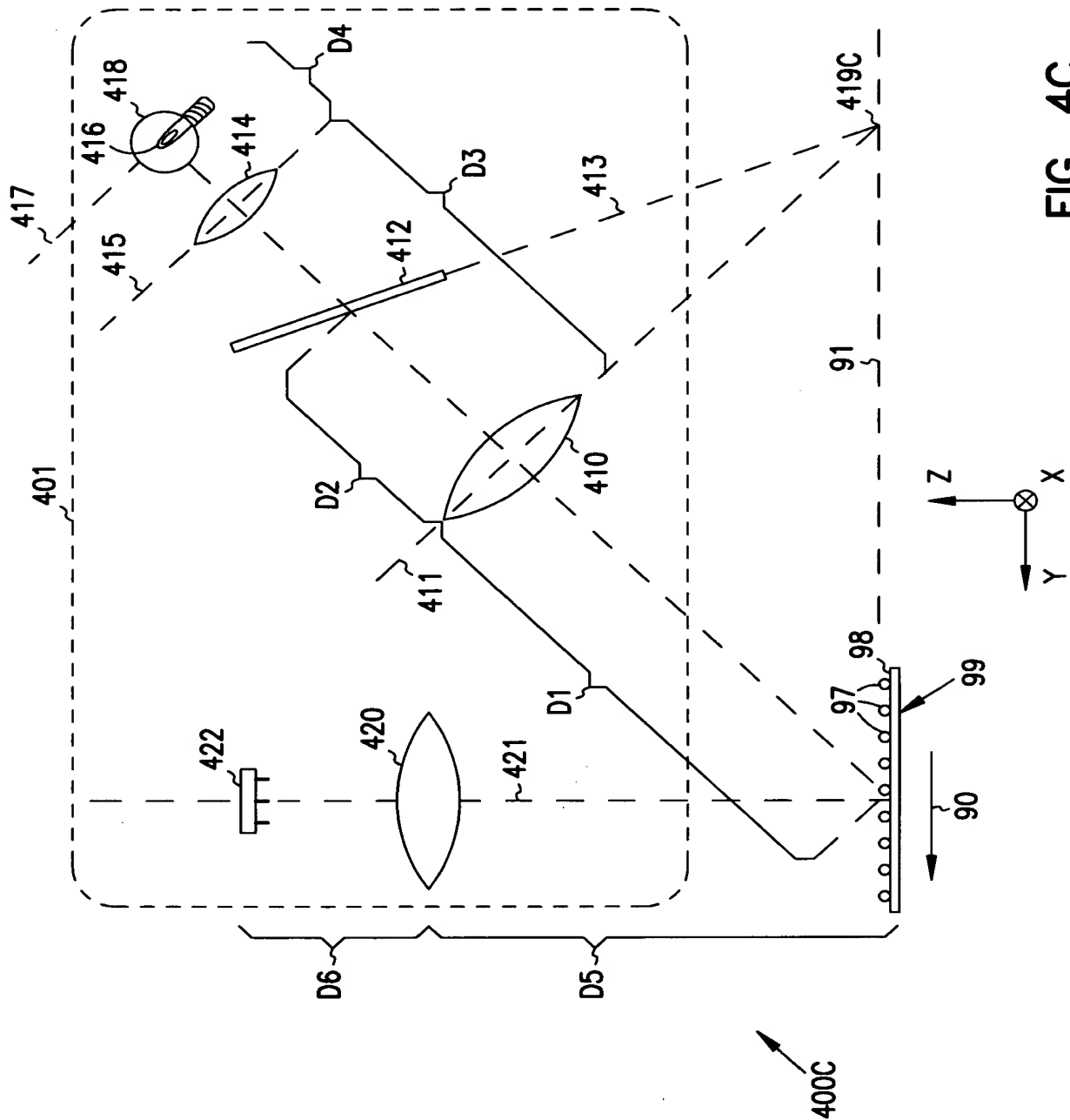


FIG. 4B



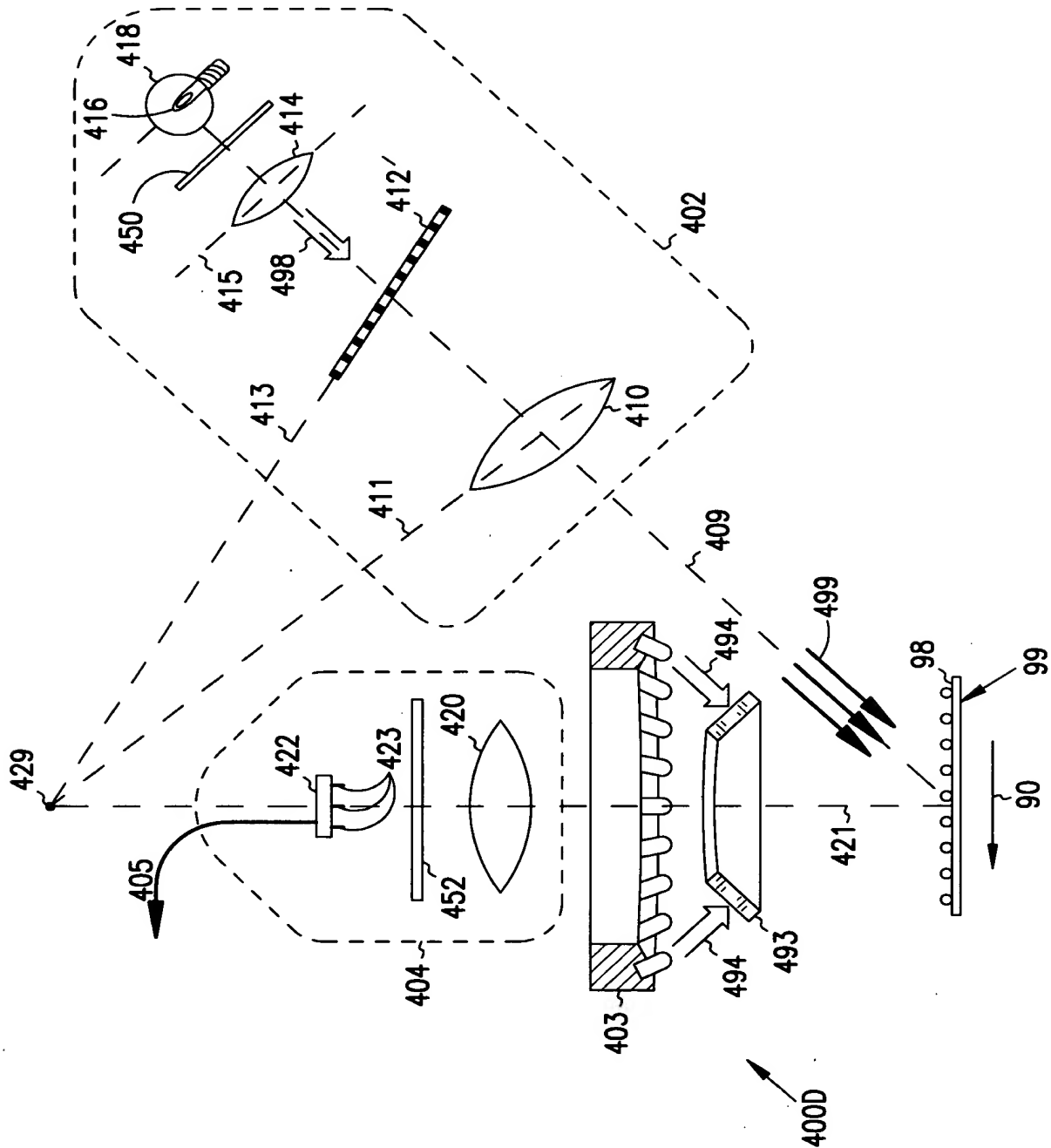


FIG. 4D

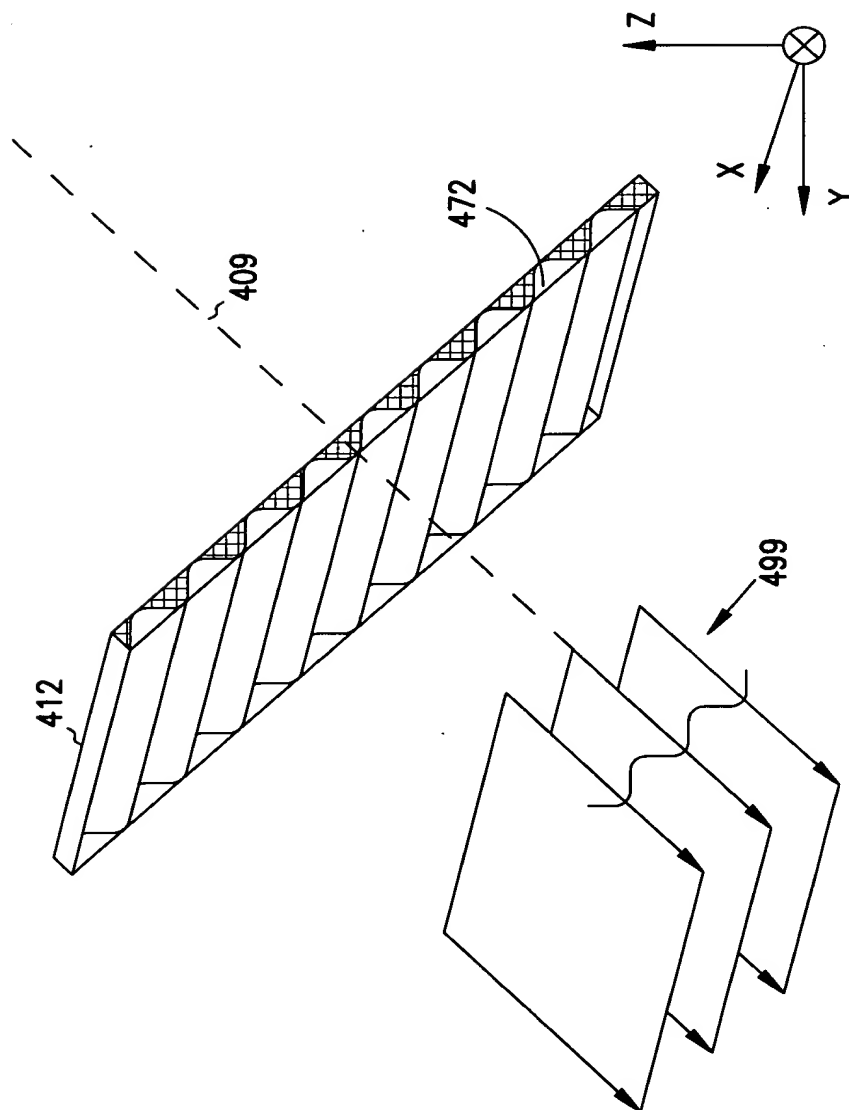
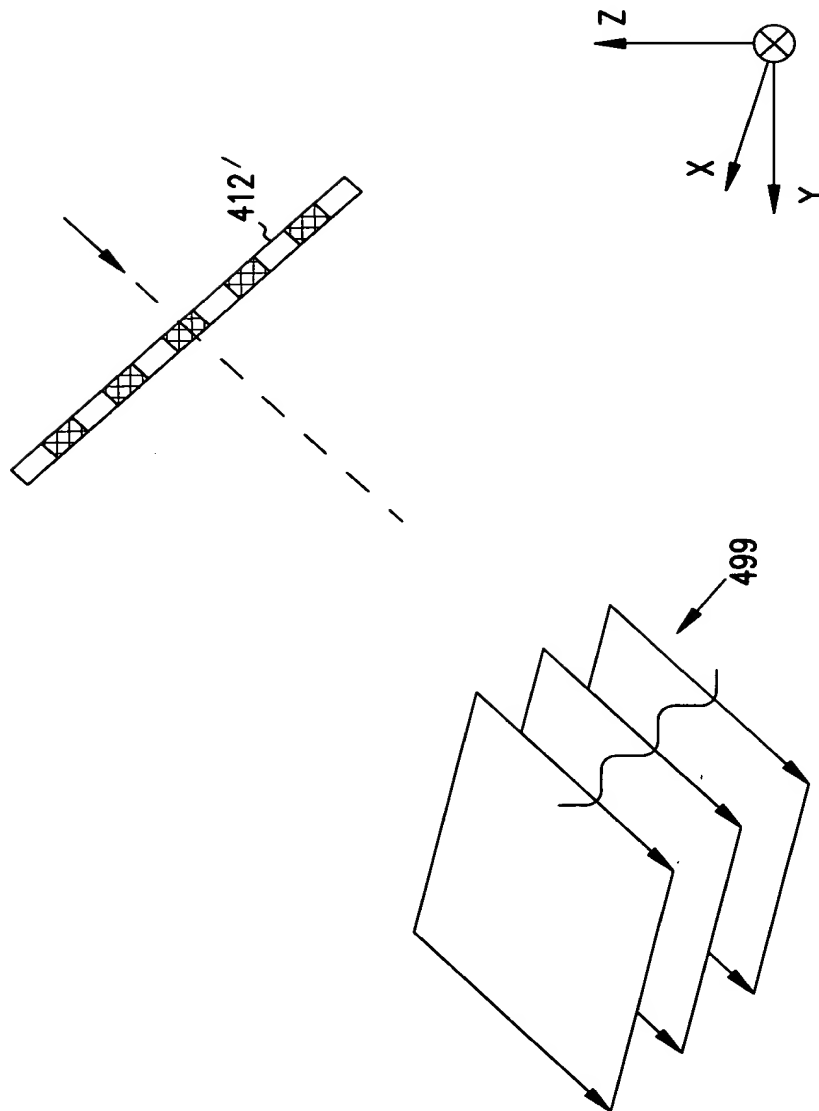


FIG. 4E





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FIG. 4H

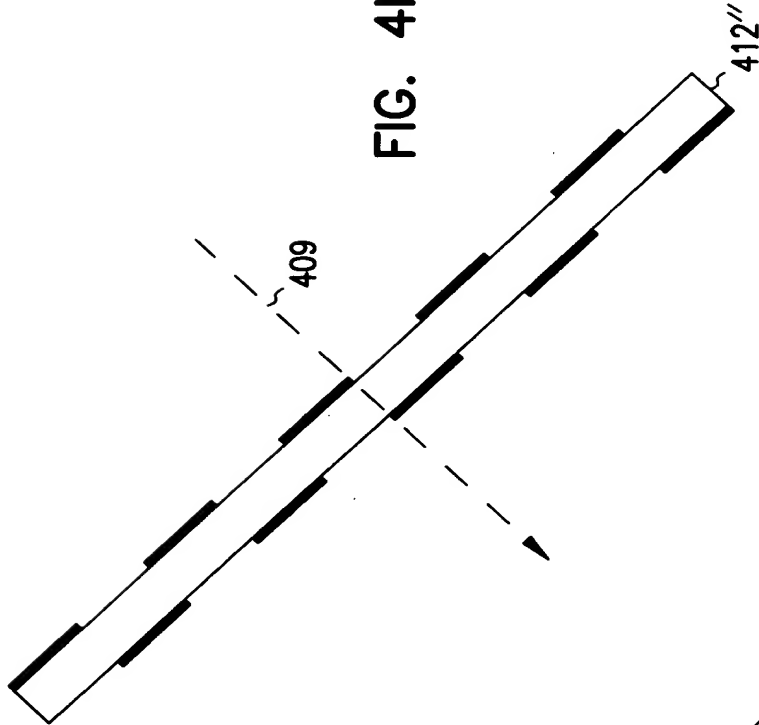
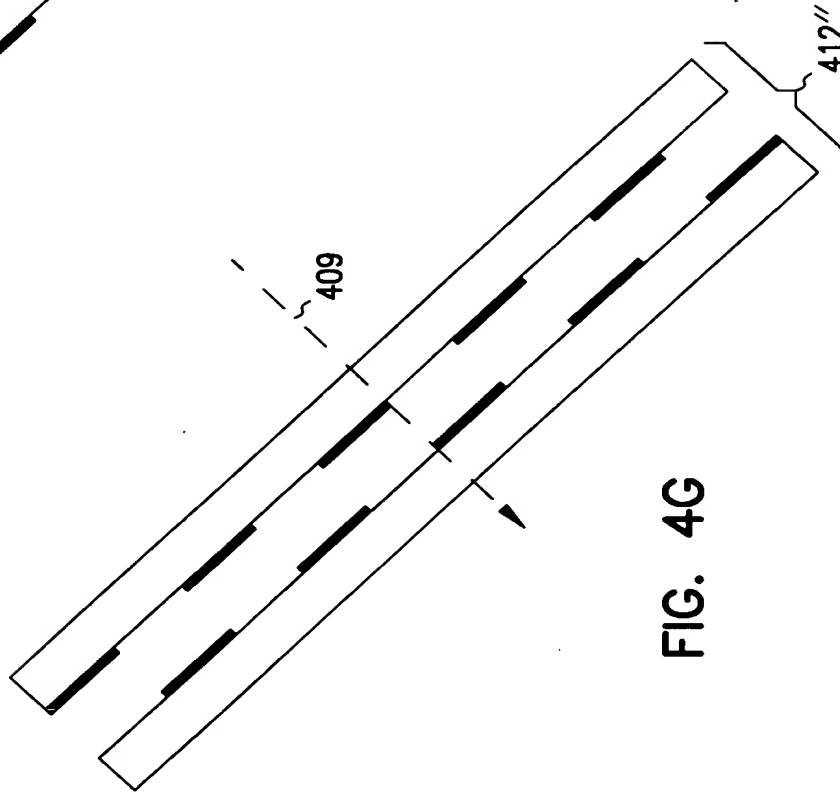
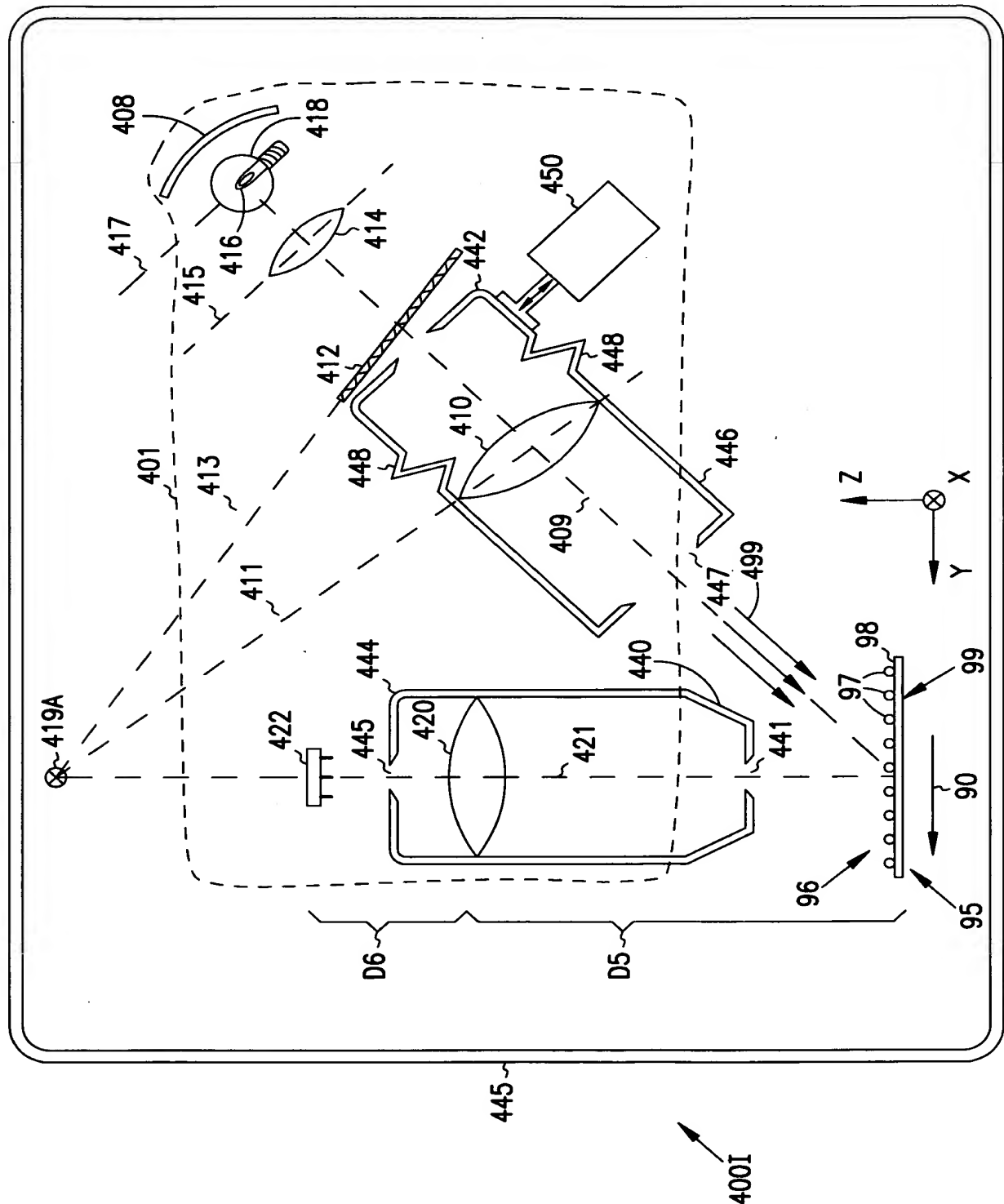
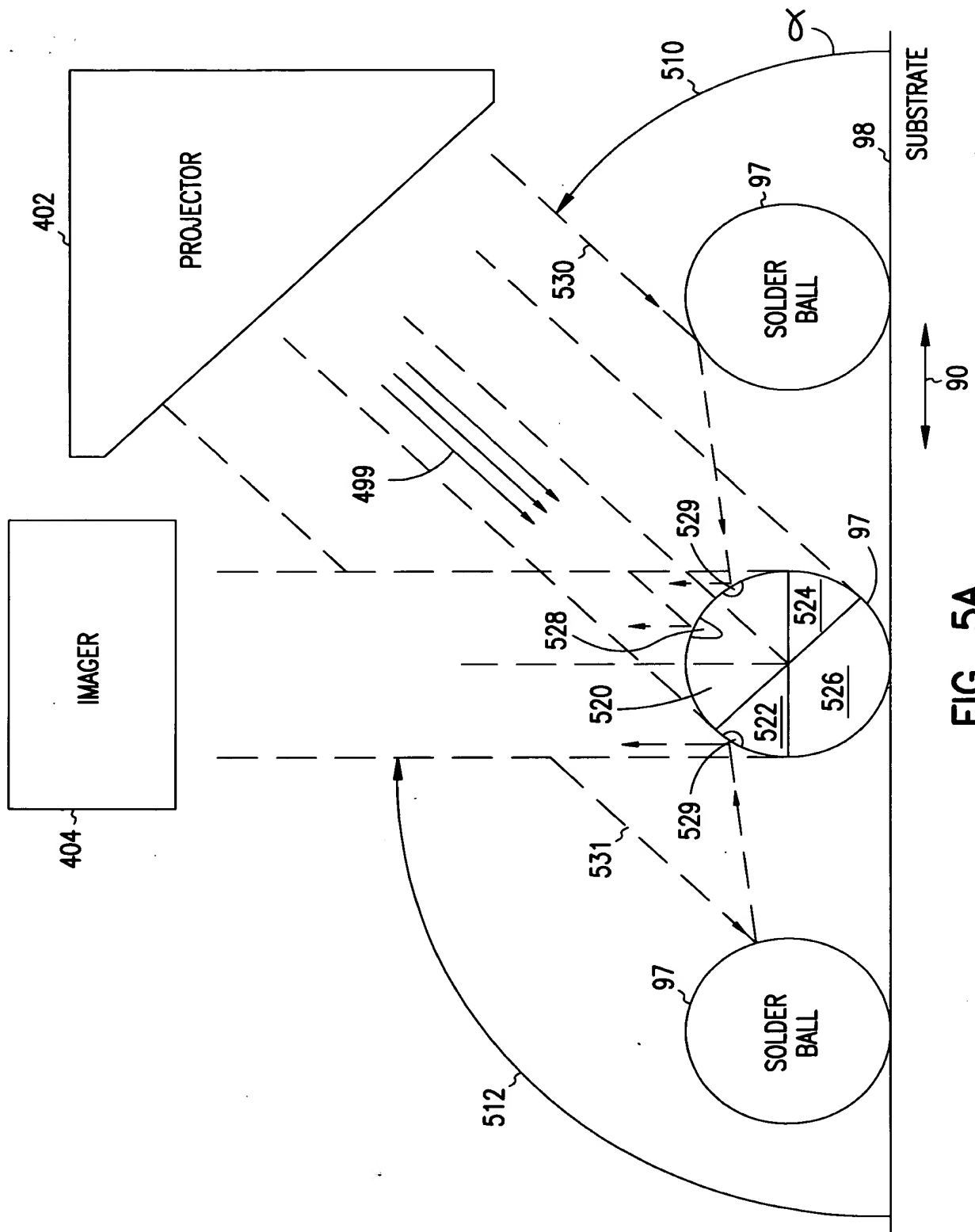


FIG. 4G







**FIG. 5A**

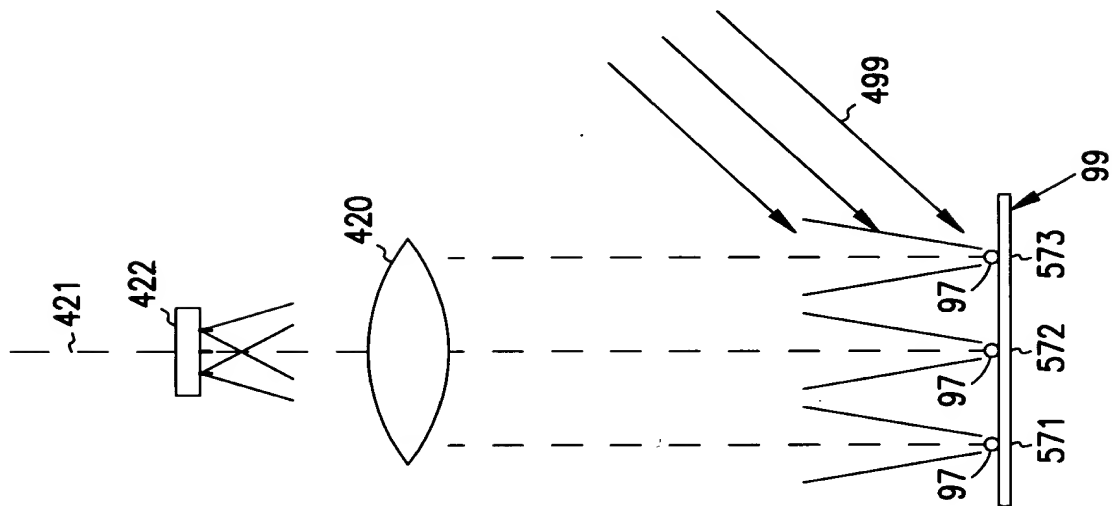


FIG. 5C

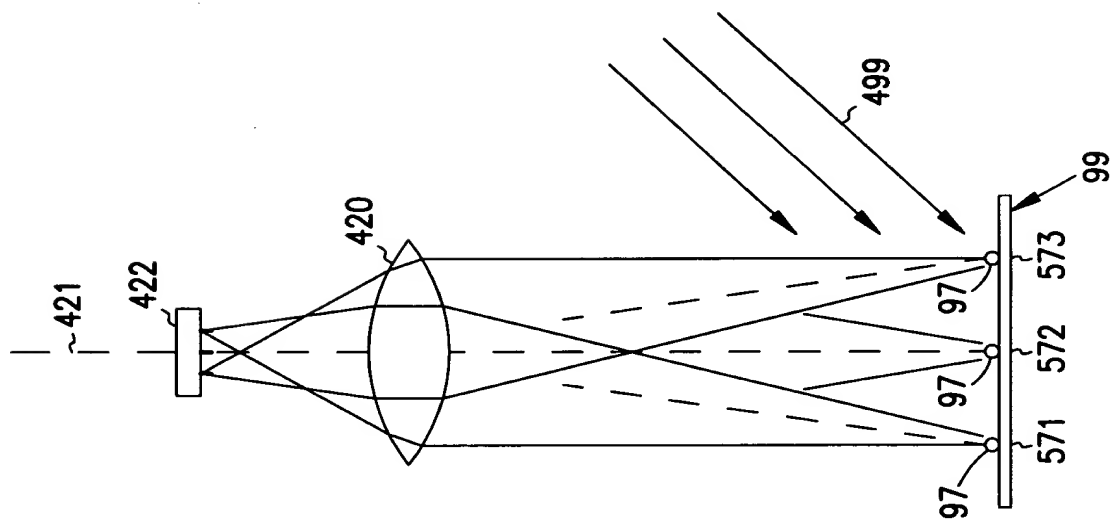


FIG. 5B

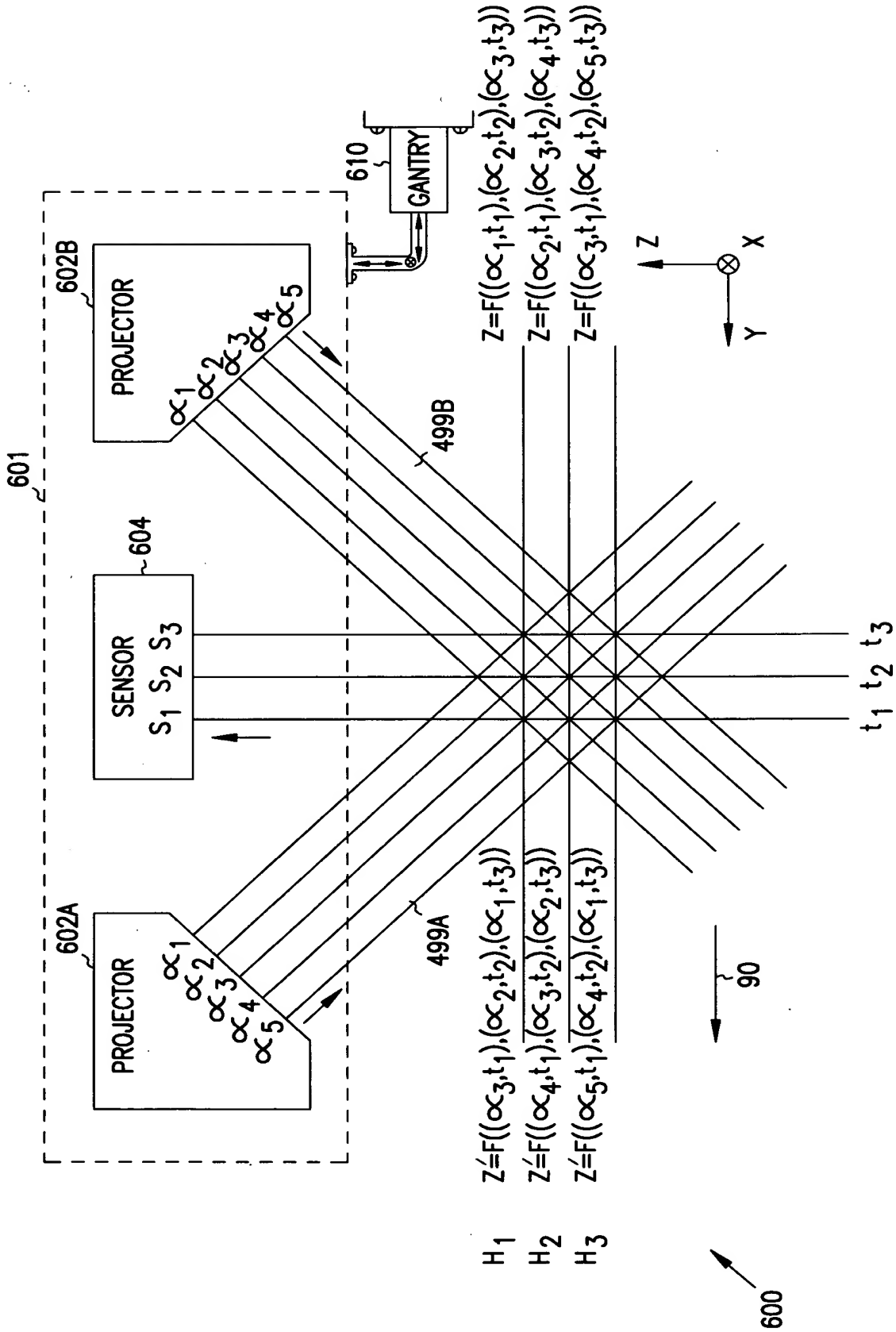


FIG. 6

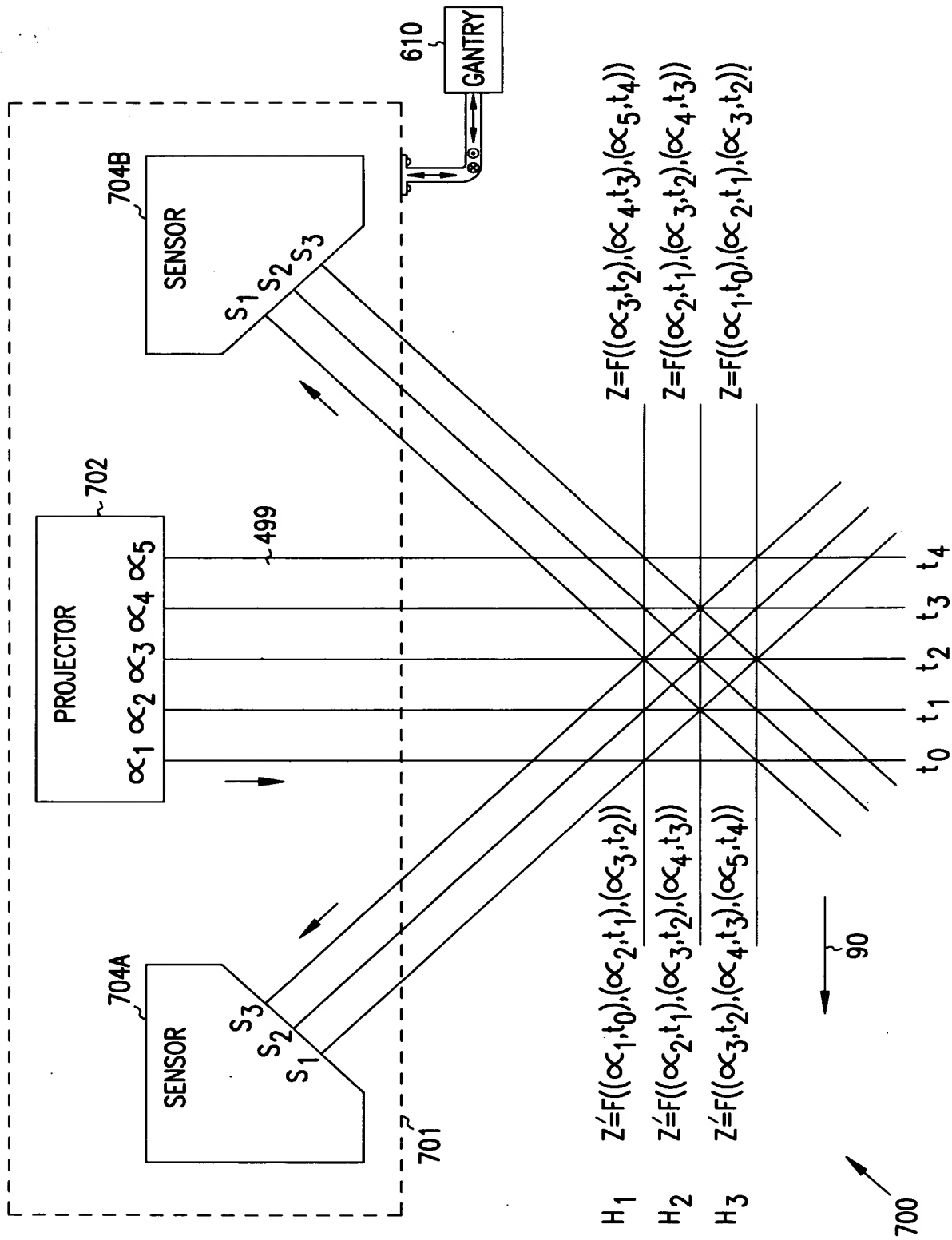


FIG. 7

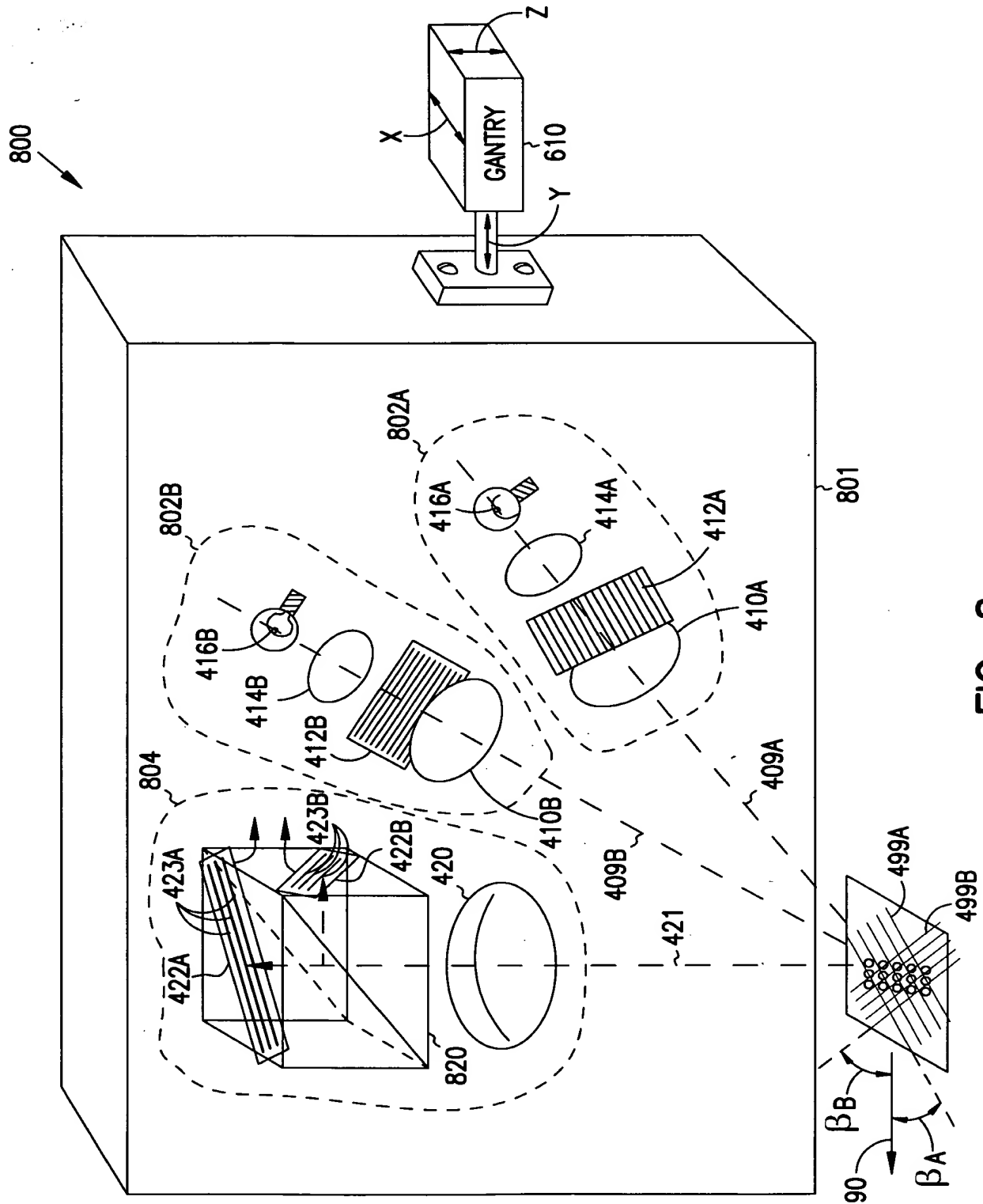
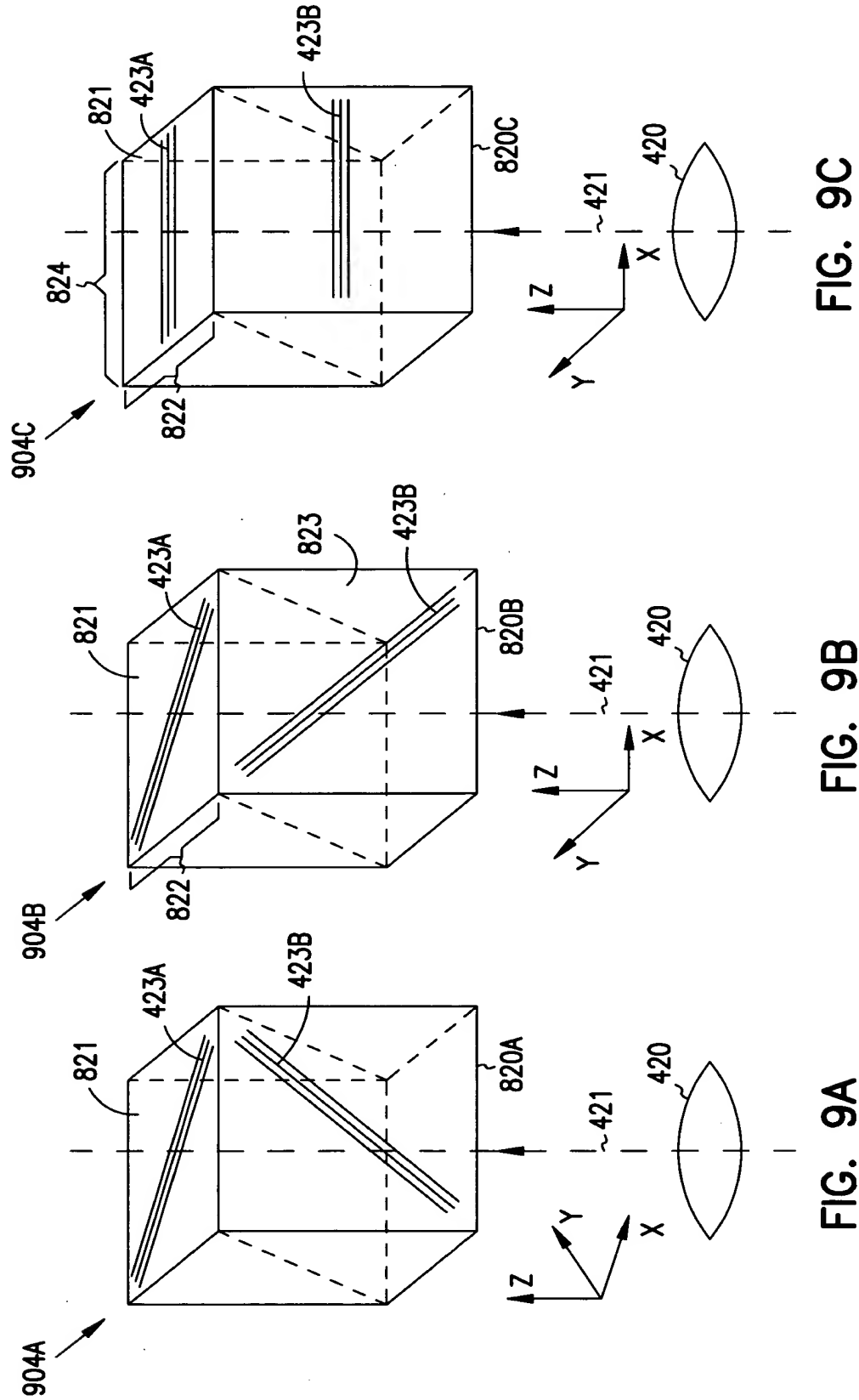


FIG. 8



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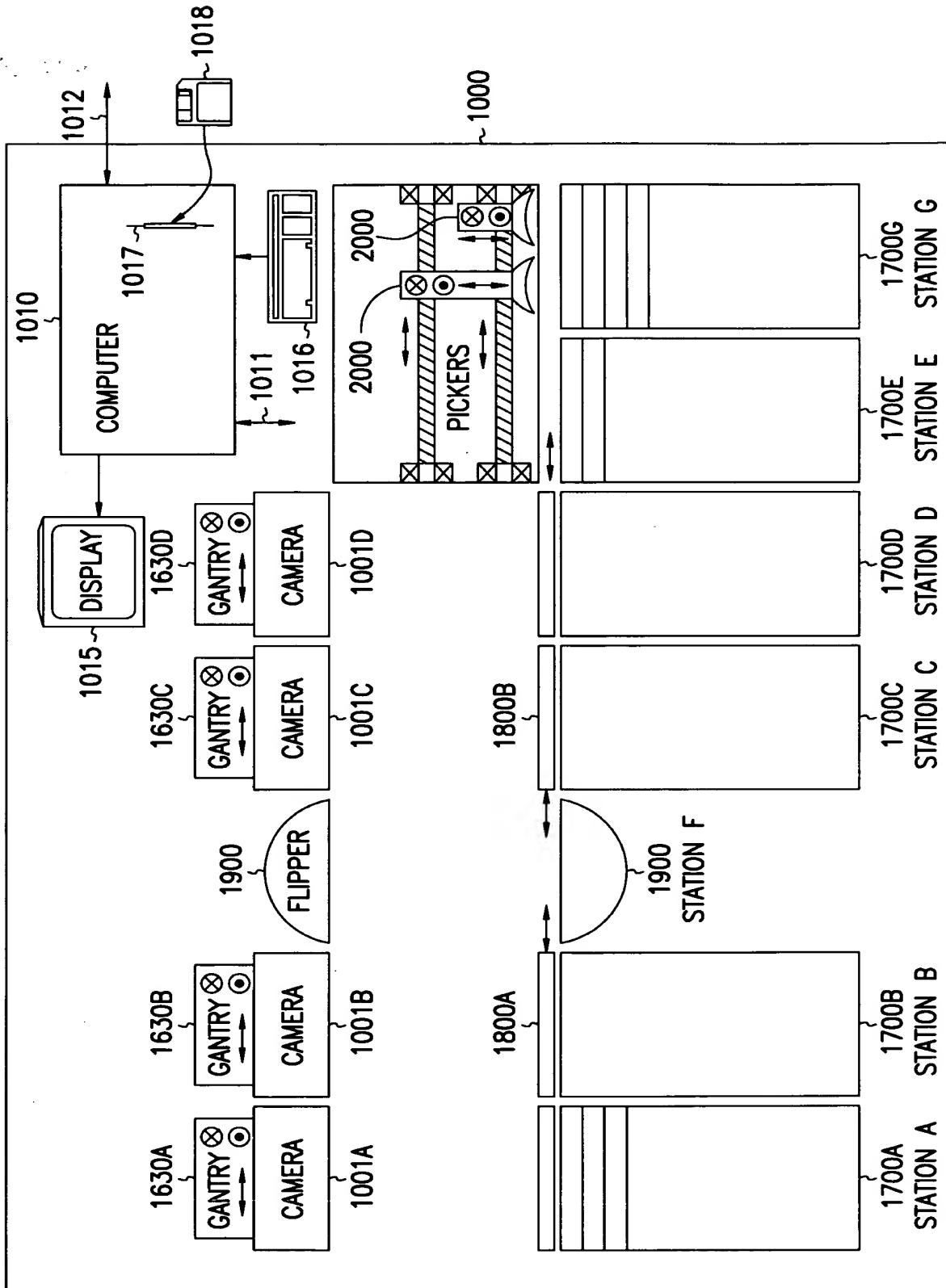


FIG. 10

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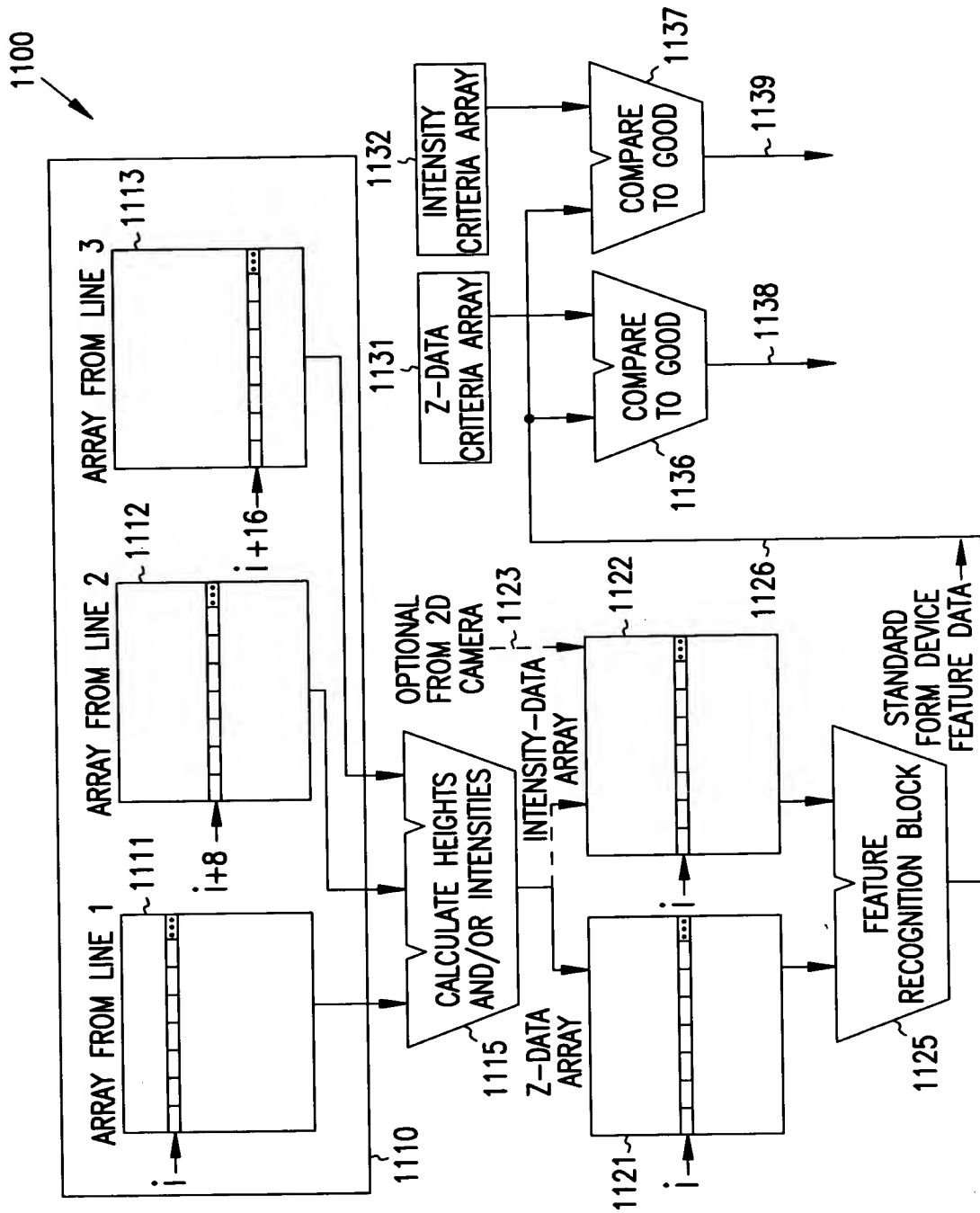


FIG. 11

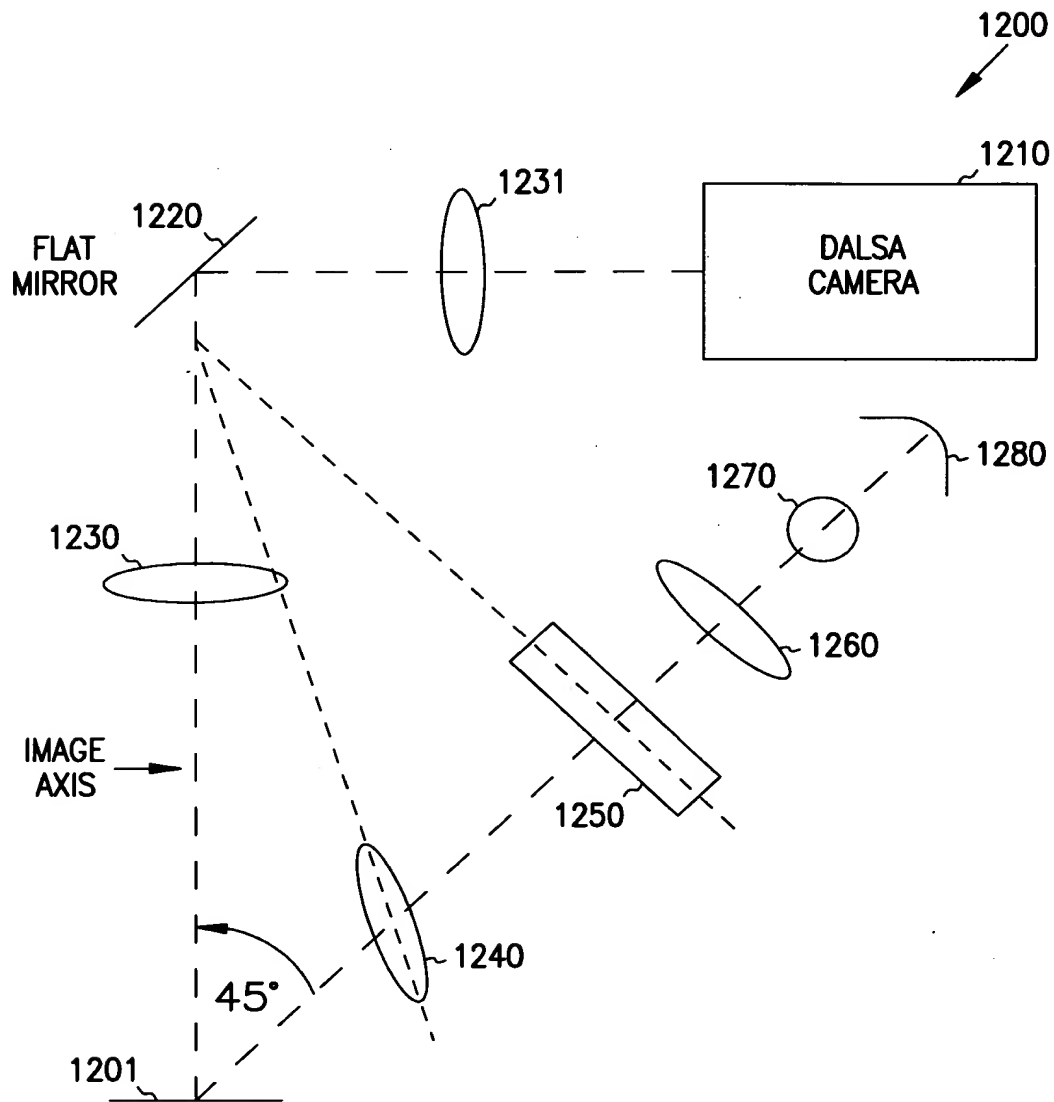
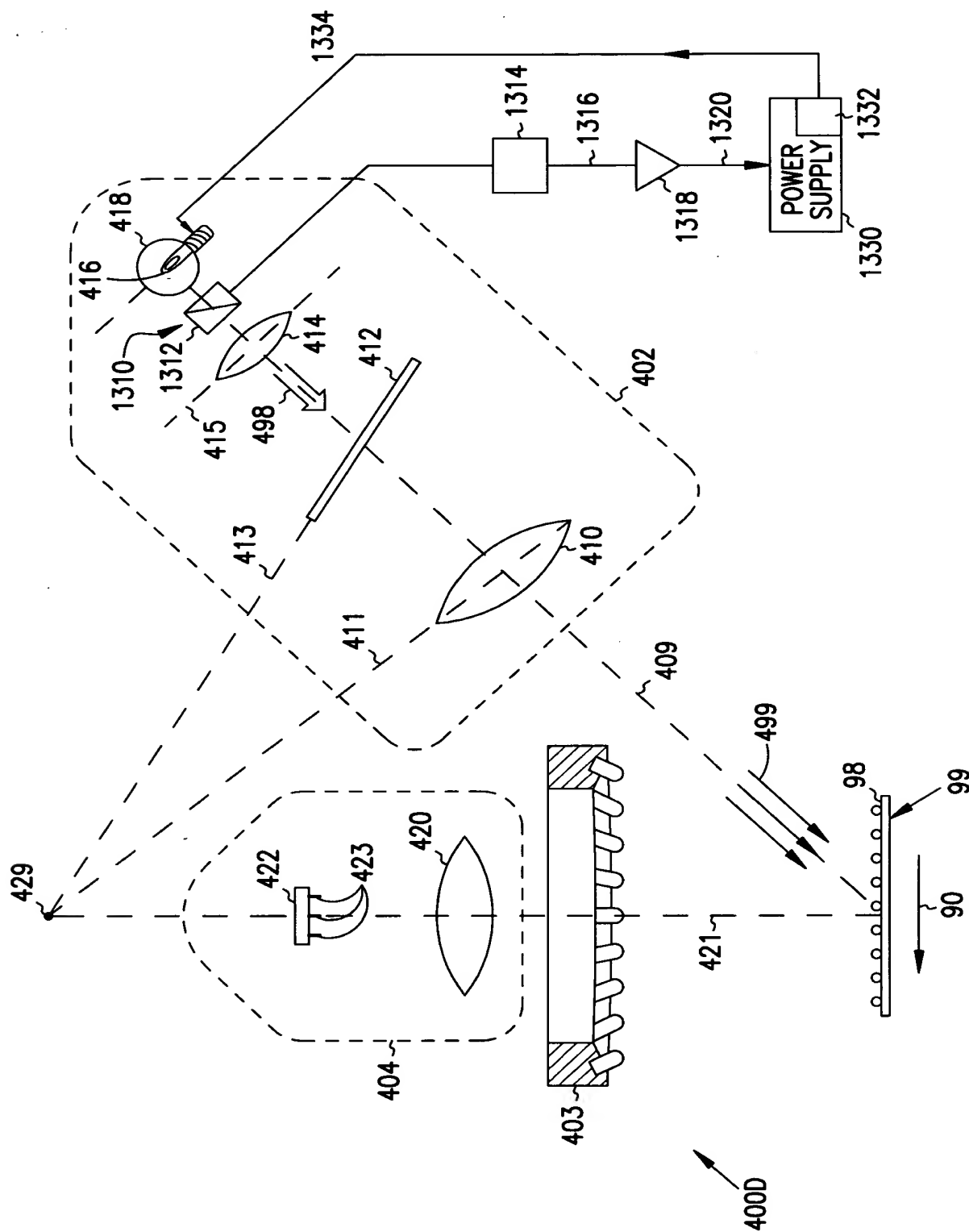
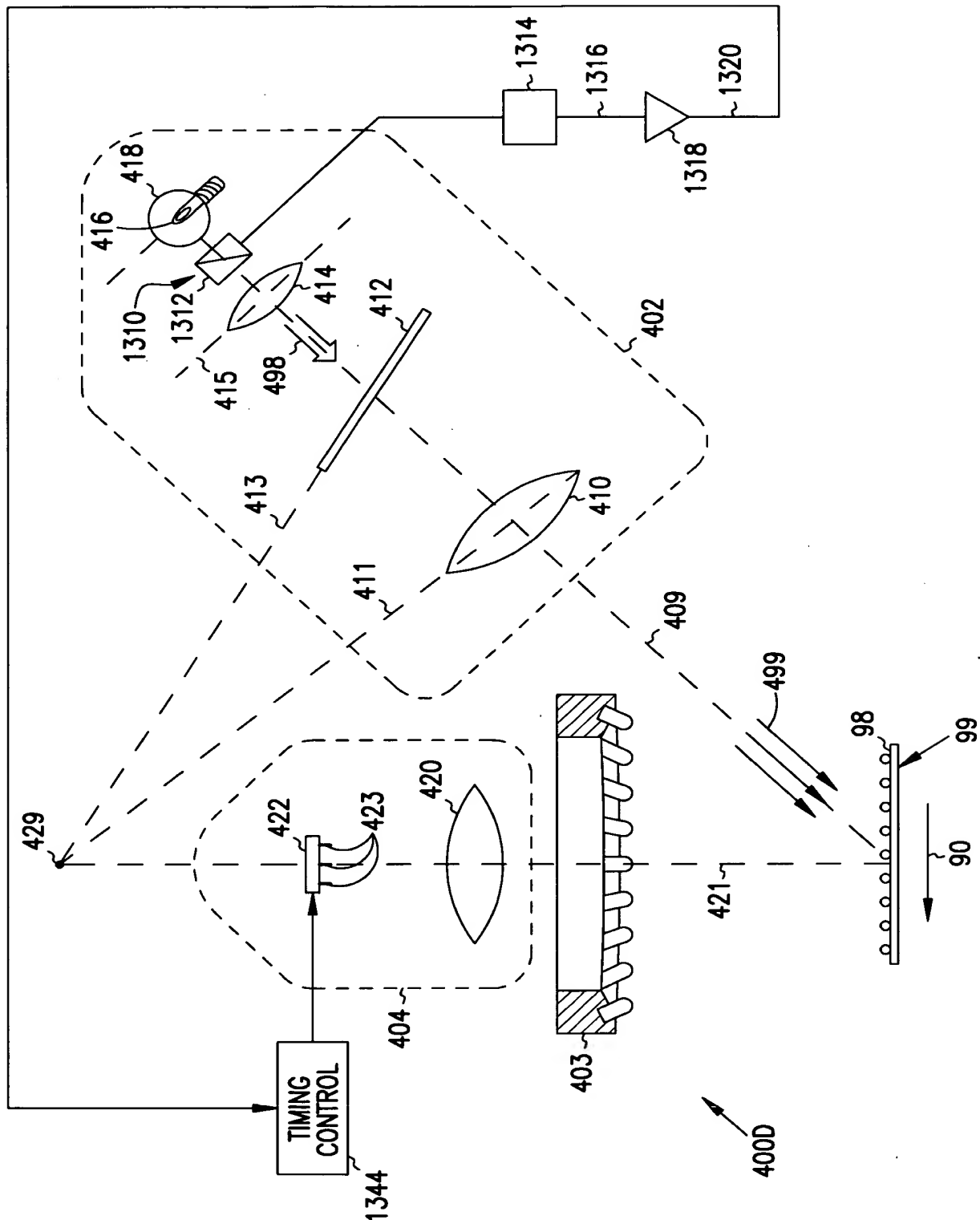


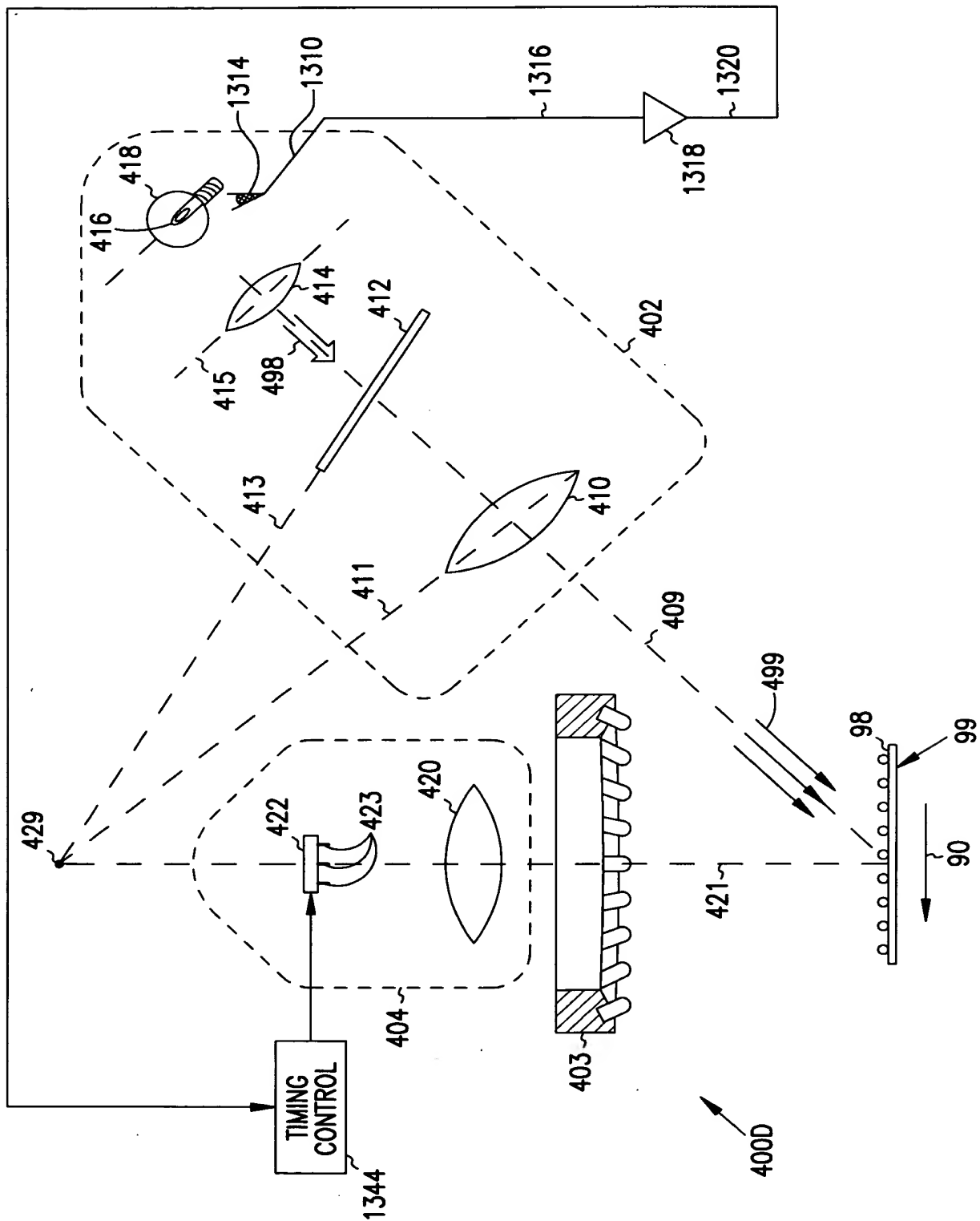
FIG. 12



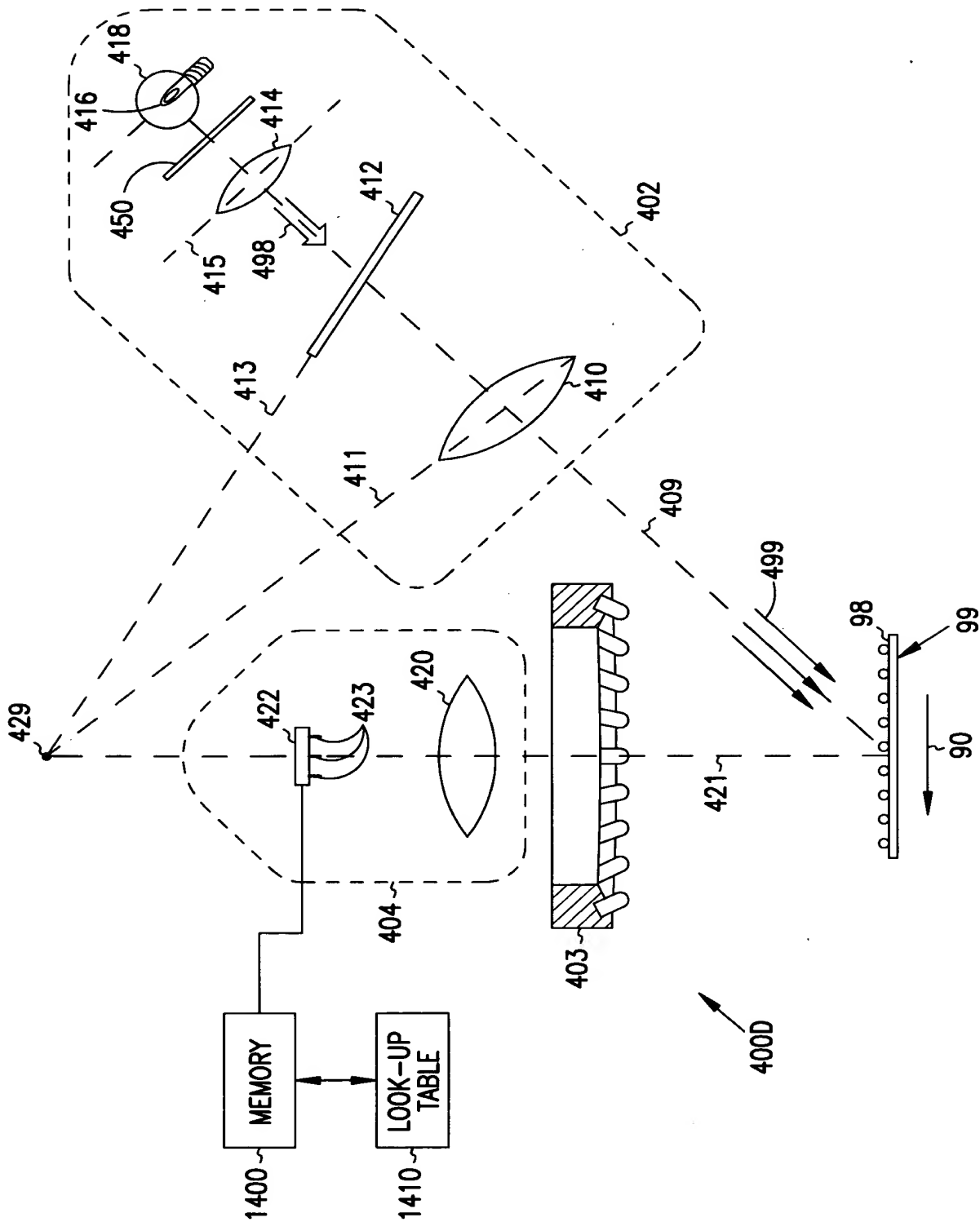
**FIG. 13A**



**FIG. 13B**



**FIG. 13C**



**FIG. 14A**




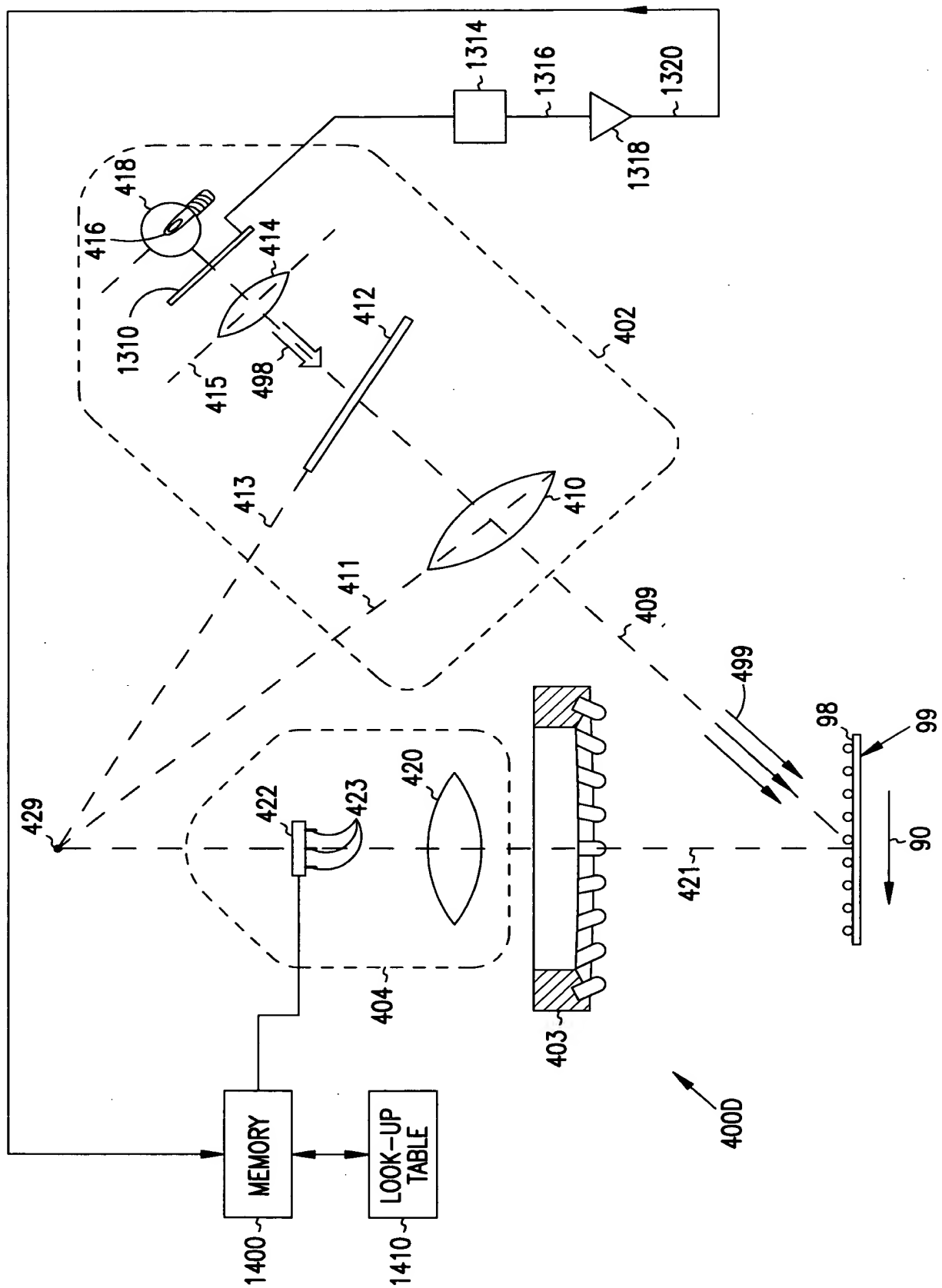
1410  


TABLE LOOKUP

PIXEL #	CORRECTION VALUE (CONDITION A LIGHT SOURCE A)	CORRECTION VALUE (CONDITION B LIGHT SOURCE A)	CORRECTION VALUE (CONDITION A LIGHT SOURCE B)	
•	•	•	•	• • • •
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
X	Y	Z	W	Q

1412  


FIG. 14B



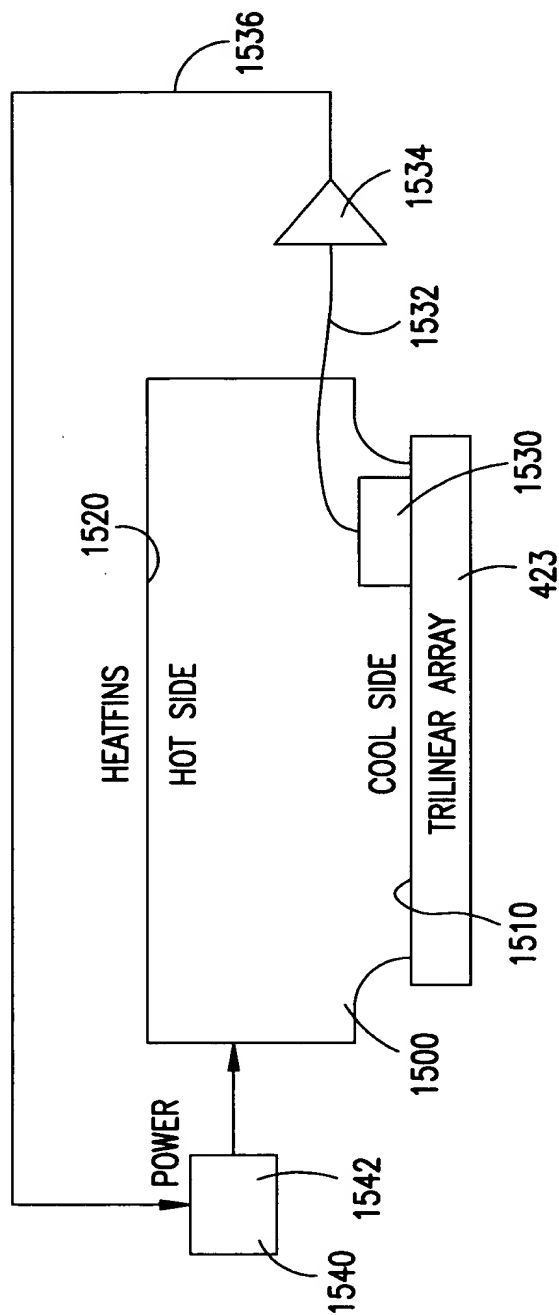


FIG. 15

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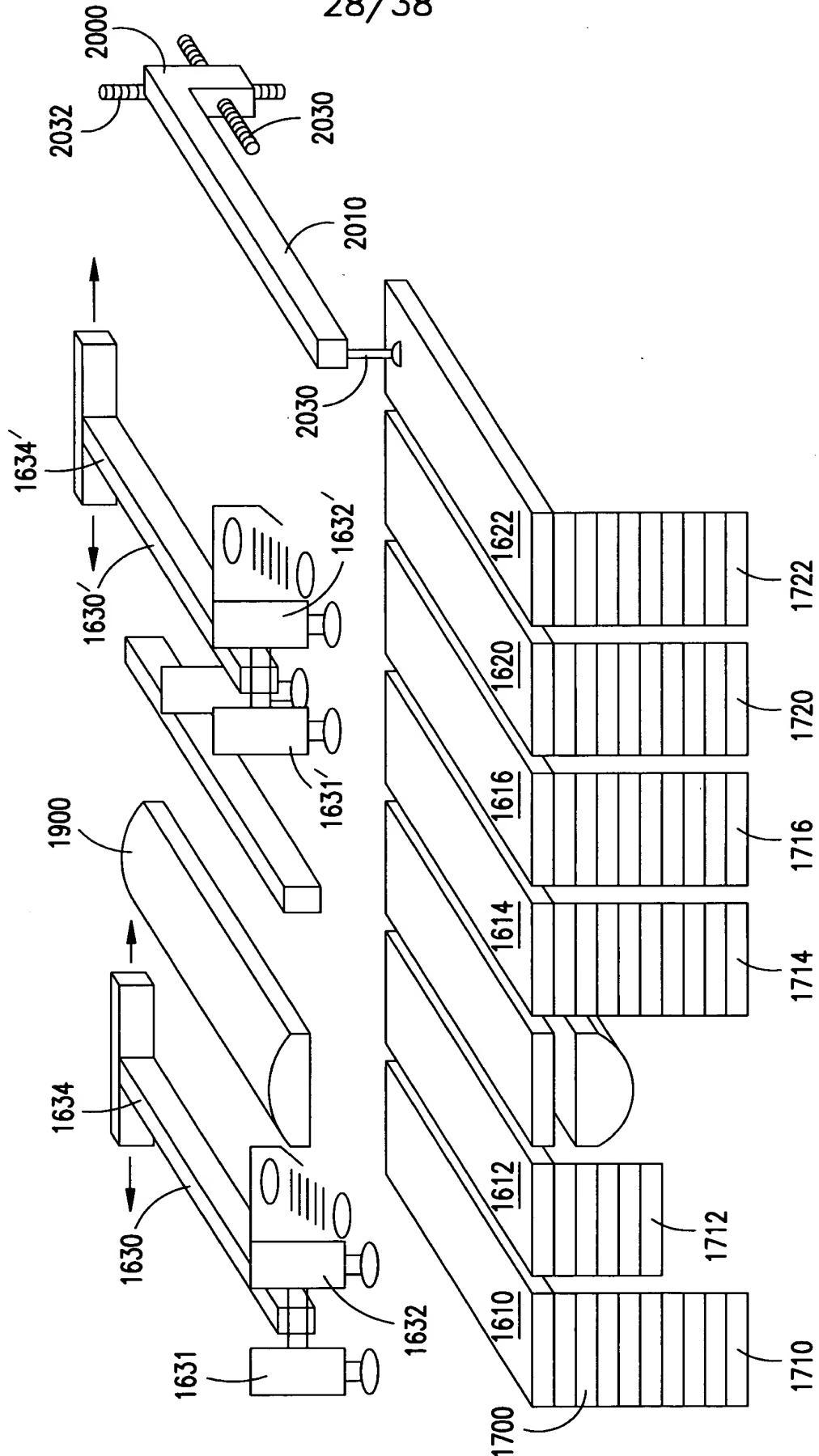


FIG. 16

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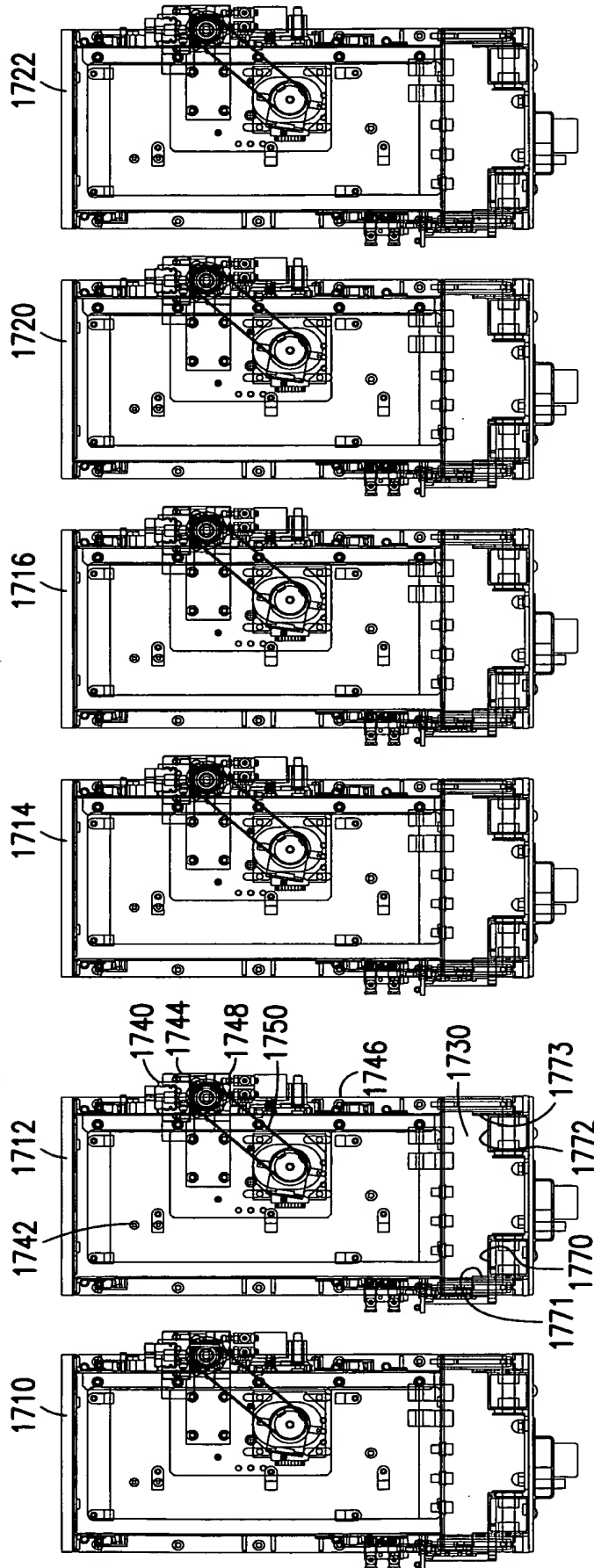
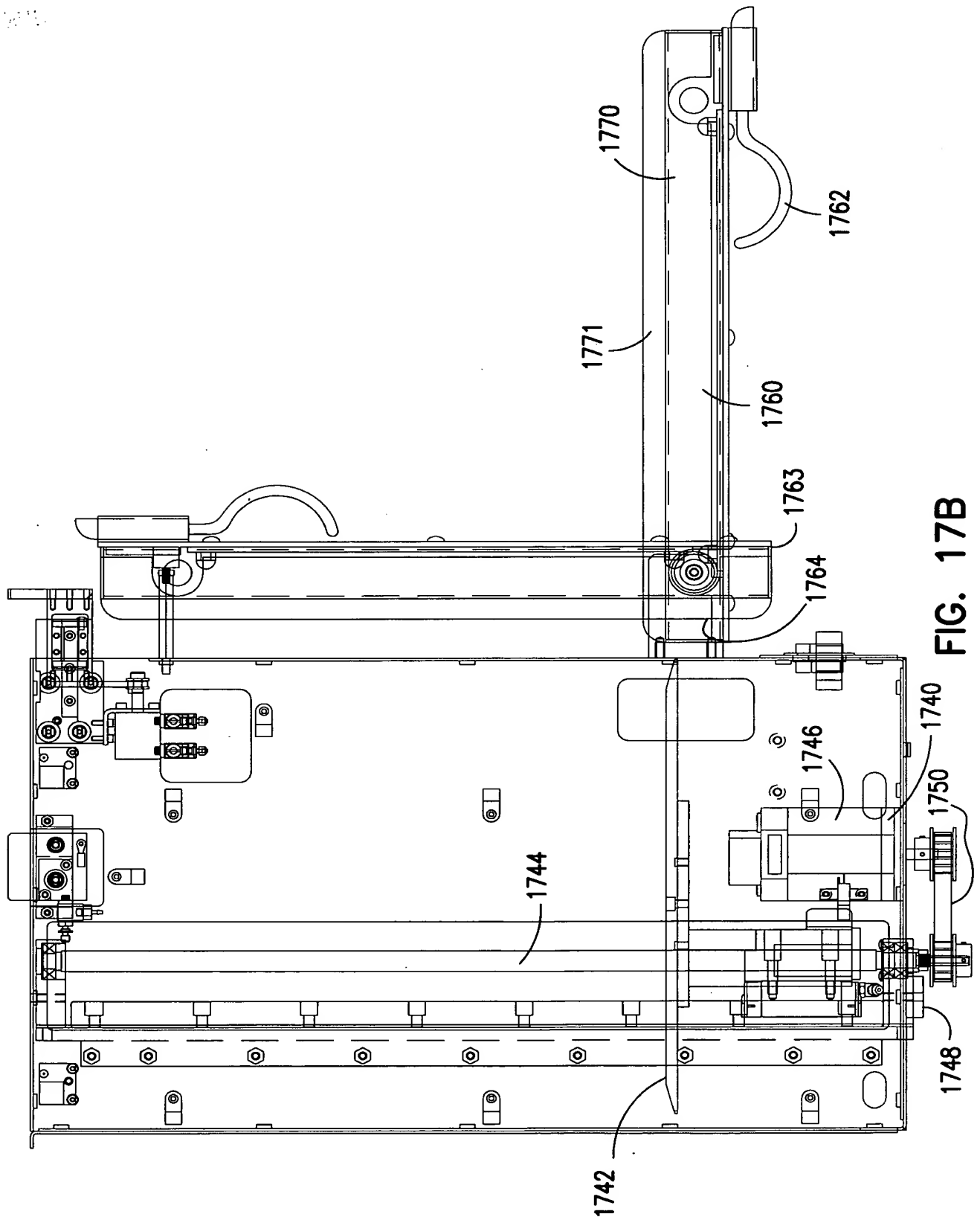
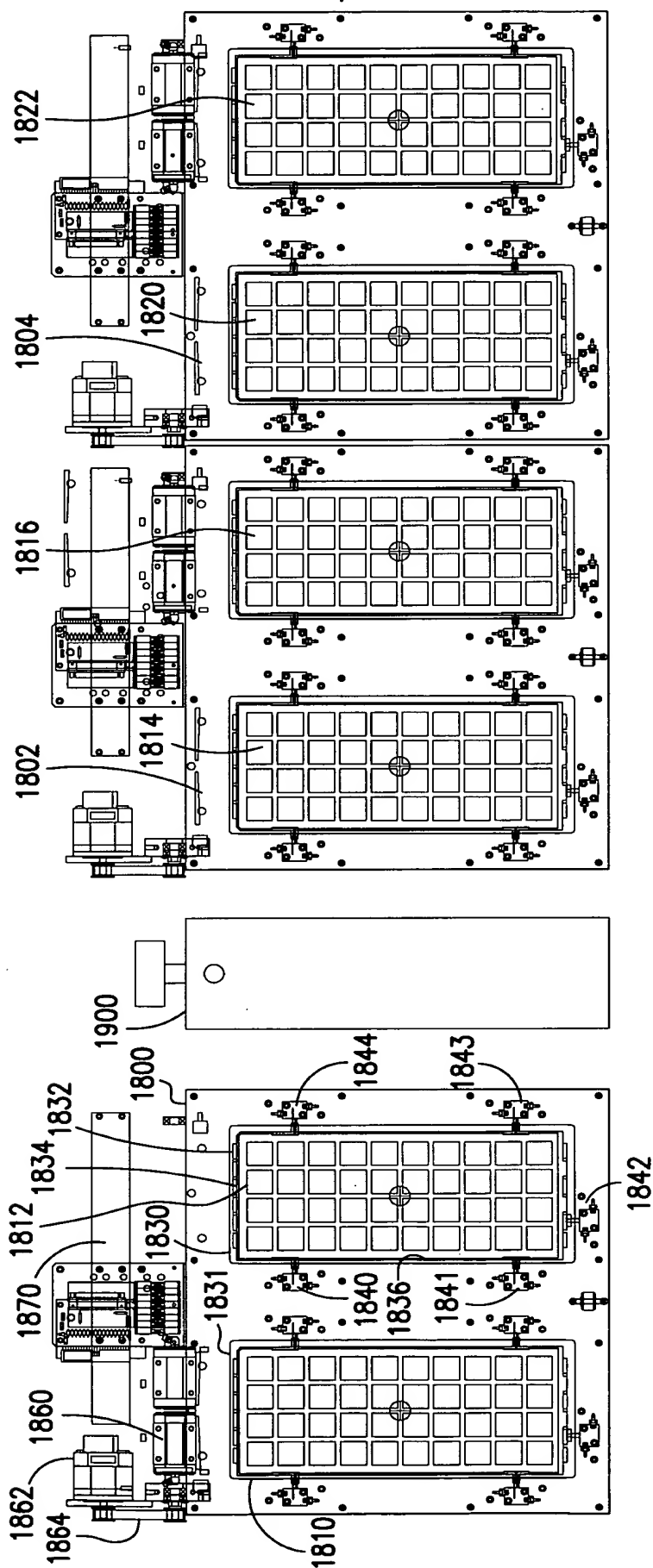


FIG. 17A



TITLE: TRAY FLIPPER AND METHOD FOR PARTS INSPECTION  
INVENTORS NAME: Arye Malek et al.  
SERIAL NO.: 09/350,251

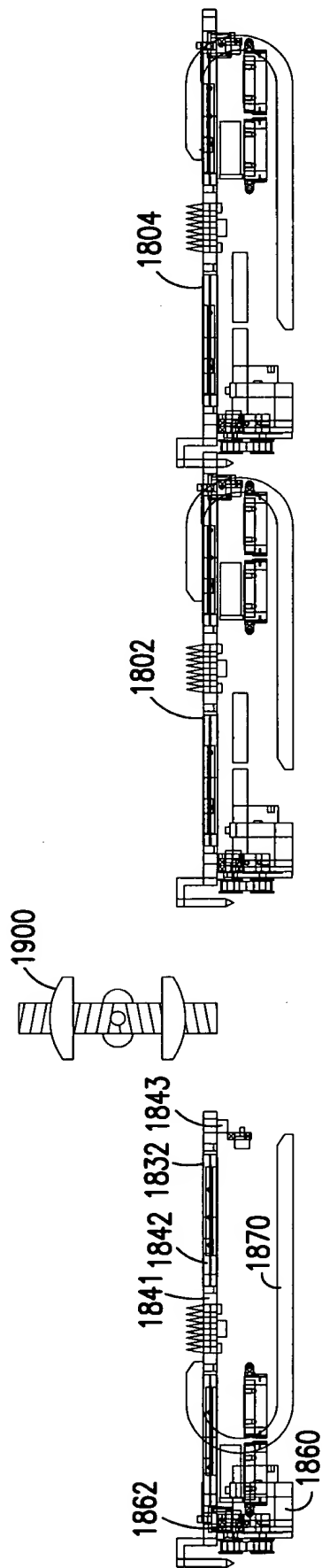
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**FIG. 18A**

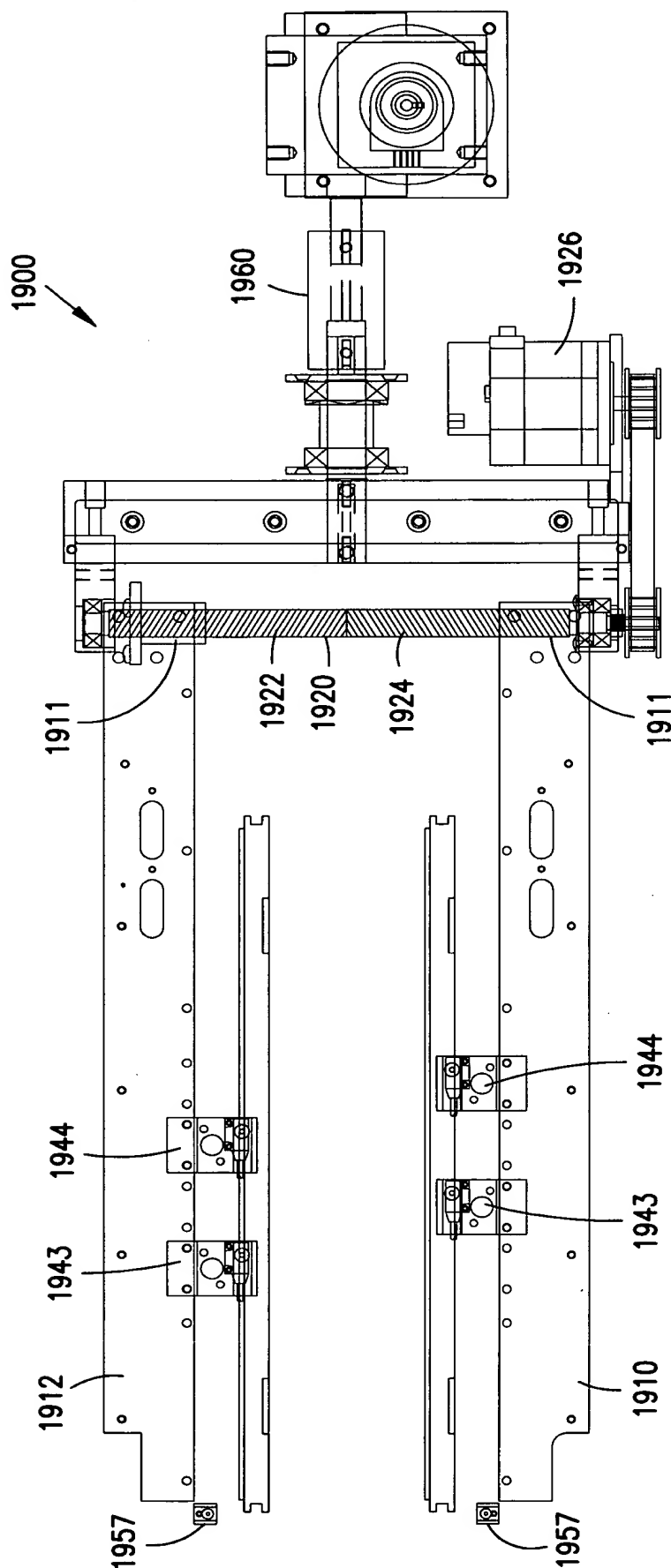
SERIAL NO.: 09/350,251

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**FIG. 18B**





**FIG. 19A**

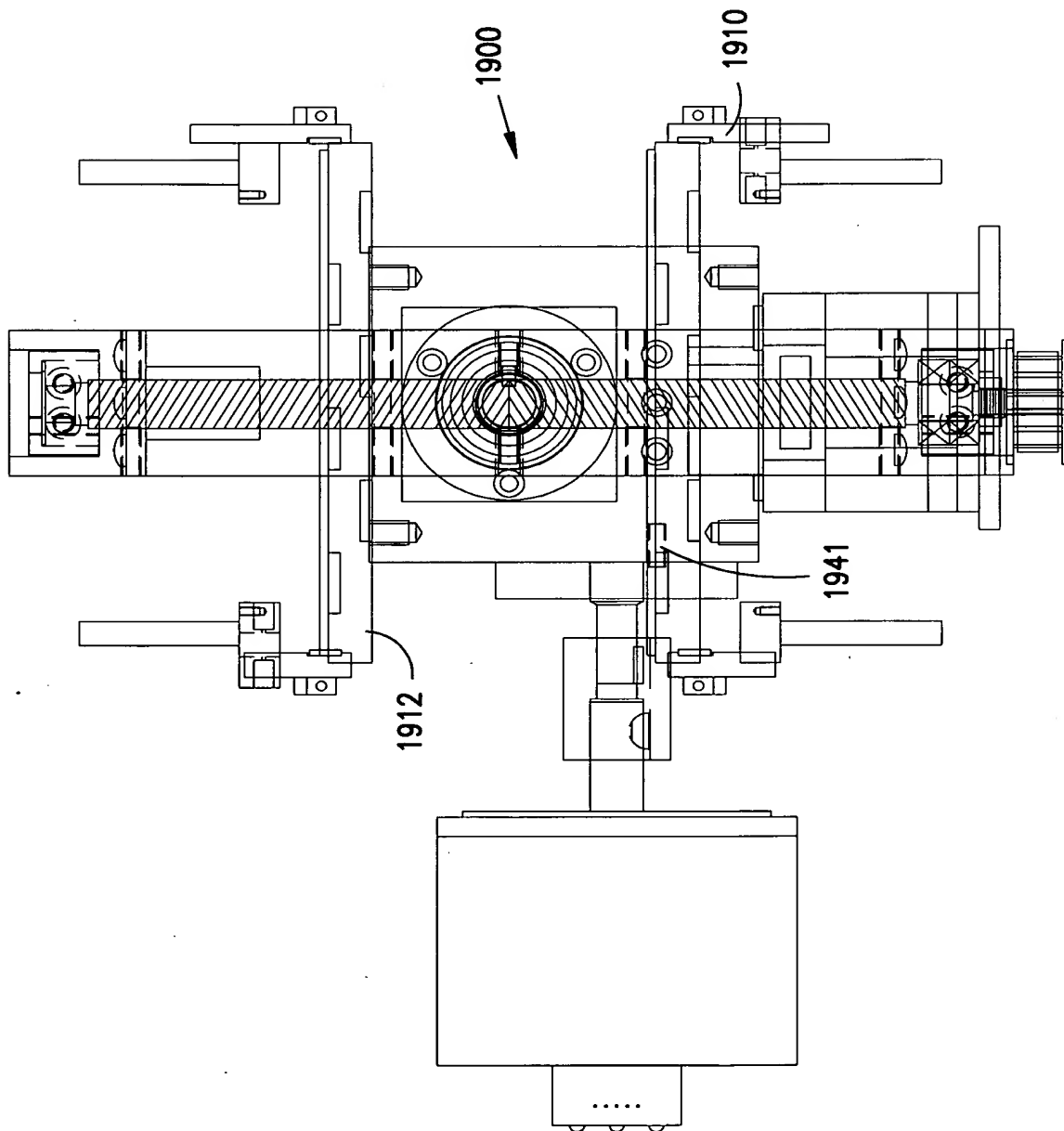


FIG. 19B

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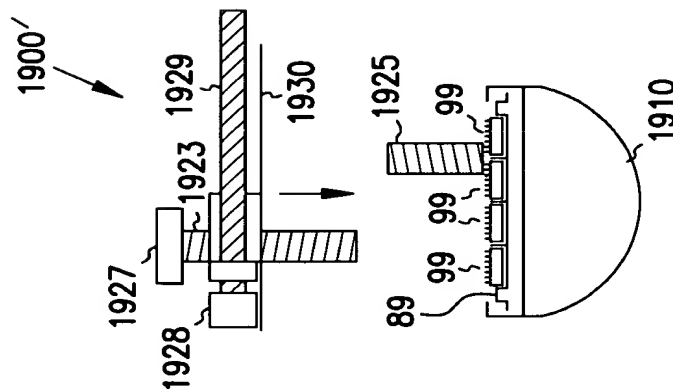


FIG. 19C

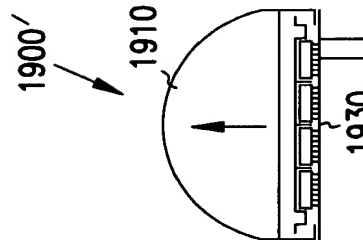


FIG. 19E

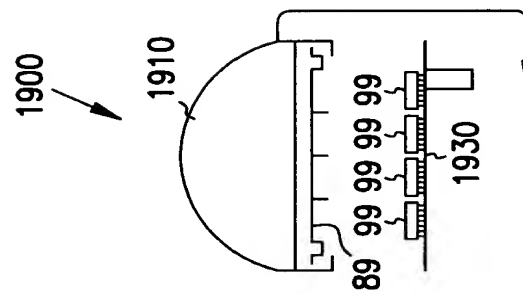


FIG. 19F

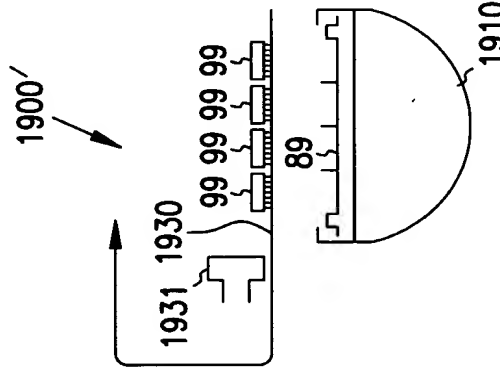
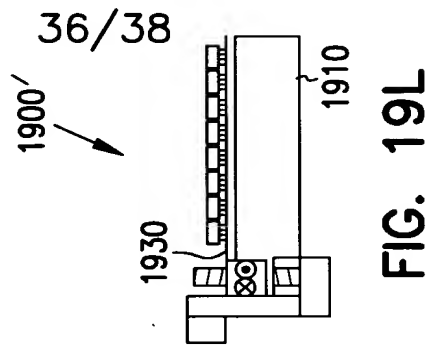
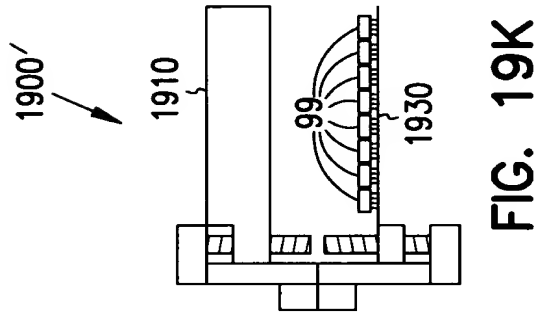
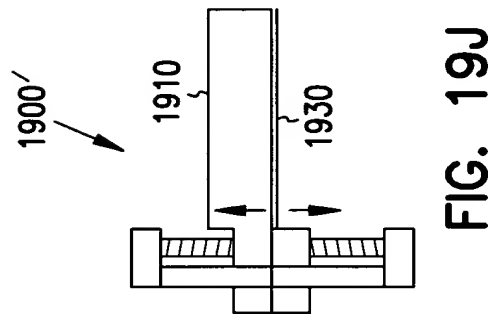
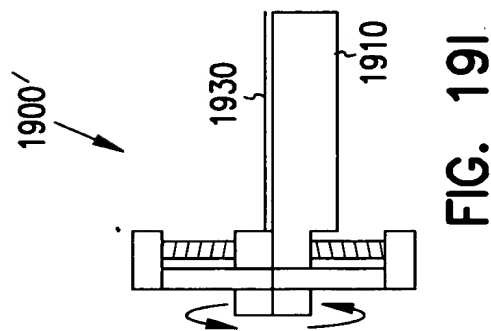
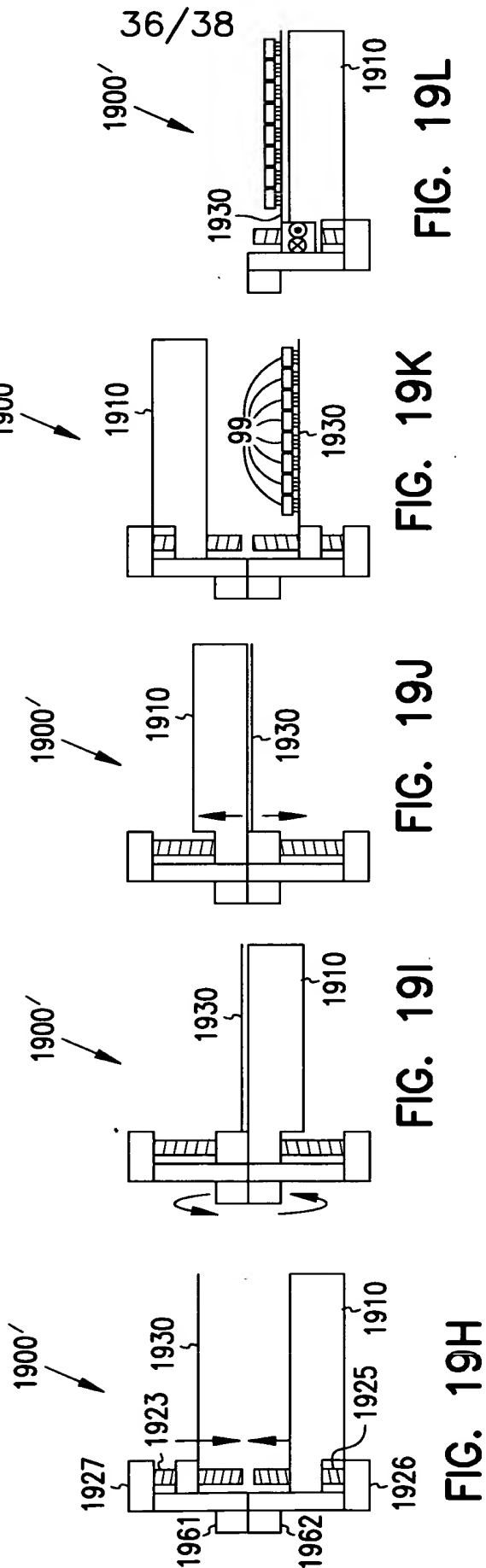


FIG. 19G



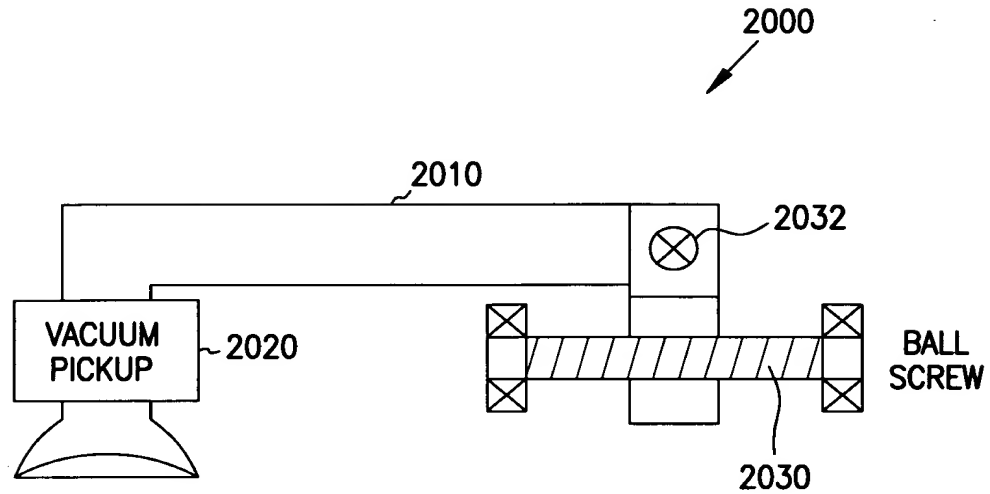


FIG. 20

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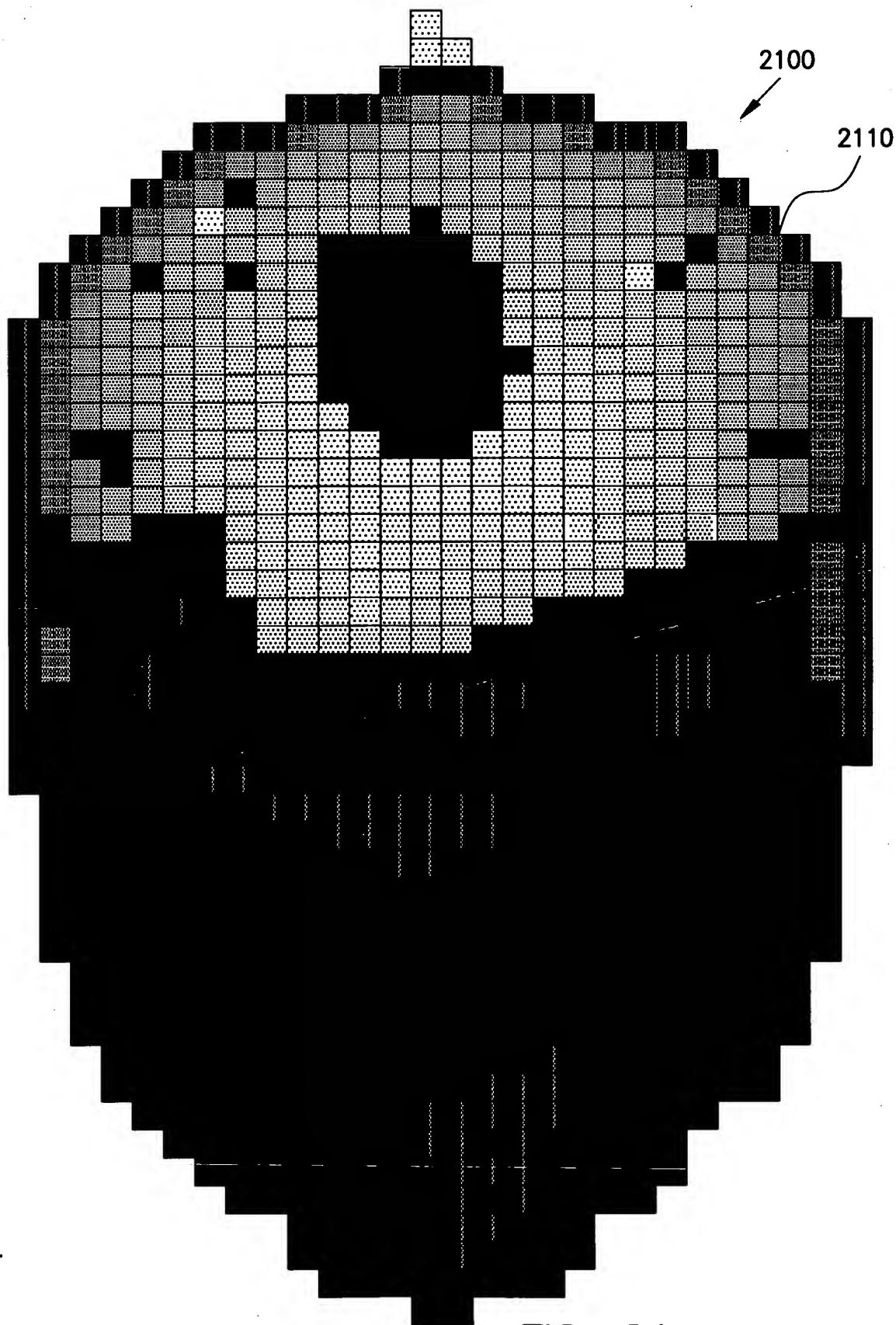


FIG. 21